

EXHIBIT H



UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/944,542	02/12/2019	10203854	083523.0121	3585

5073 7590 01/23/2019

BAKER BOTTS L.L.P.
2001 ROSS AVENUE
SUITE 900
DALLAS, TX 75201-2980

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment is 0 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

Sean Rad, Los Angeles, CA;
Match Group, LLC, Dallas, TX;
Todd M. Carrico, Sachse, TX;
Kenneth B. Hoskins, Plano, TX;
James C. Stone, Addison, TX;
Jonathan Badeen, North Hollywood, CA;

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage and facilitate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit SelectUSA.gov.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via EFS-Web.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

5073 7590 11/06/2018
BAKER BOTTS L.L.P.
2001 ROSS AVENUE
SUITE 900
DALLAS, TX 75201-2980

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via EFS-Web or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/944,542	04/03/2018	Sean Rad	083523.0121	3585

TITLE OF INVENTION: Matching Process System and Method

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$1000	\$0.00	\$0.00	\$1000	02/06/2019

EXAMINER	ART UNIT	CLASS-SUBCLASS
CHOI, YUK TING	2153	707-005000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-09 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 **Baker Botts L.L.P.**
2 _____
3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Match Group, LLC

Dallas, Texas

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. Fees submitted: ☒ Issue Fee ☐ Publication Fee (if required) ☐ Advance Order - # of Copies _____

4b. Method of Payment: (Please first reapply any previously paid fee shown above)

☐ Electronic Payment via EFS-Web ☐ Enclosed check ☐ Non-electronic payment by credit card (Attach form PTO-2038)

☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. **02-0384**

5. Change in Entity Status (from status indicated above)

☐ Applicant certifying micro entity status. See 37 CFR 1.29

☐ Applicant asserting small entity status. See 37 CFR 1.27

☐ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature **/Chad C. Walters/**

Date **December 21, 2018**

Typed or printed name **Chad C. Walters**

Registration No. **48,022**

ATTORNEY DOCKET NO.
083523.0121

PATENT APPLICATION
15/944,542

1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Sean Rad et al.
Serial No.: 15/944,542
Filed: April 3, 2018
Group No.: 2153
Examiner: Yuk Ting Choi
Notice of Allowance Mailed: November 6, 2018
Confirmation No.: 3585
Title: MATCHING PROCESS SYSTEM AND METHOD

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

RESPONSE TO REASONS FOR ALLOWANCE

Applicant appreciates the Examiner's allowance of Claims 1, 2, 5, 7, 8, 11, 13, 14, 17, 19, 20 and 23. Pursuant to 37 C.F.R. § 1.104, Applicant respectfully issues a statement commenting on the Examiner's reasons for allowance. Applicant respectfully disagrees with the Examiner's reasons for allowance to the extent that they are inconsistent with applicable case law, statutes, and regulations. Furthermore, Applicant does not admit to any characterization or limitation of the claims or to any characterization of a reference by the Examiner, particularly any that are inconsistent with the language of the claims considered in their entirety and including all of their constituent limitations.

Respectfully submitted,
BAKER BOTTS L.L.P.
Attorneys for Applicant

/Chad C. Walters/

Chad C. Walters
Registration No. 48,022

Date: December 21, 2018
CUSTOMER NO. 05073

Electronic Patent Application Fee Transmittal

Application Number:	15944542			
Filing Date:	03-Apr-2018			
Title of Invention:	Matching Process System and Method			
First Named Inventor/Applicant Name:	Sean Rad			
Filer:	Chad Christian Walters/Karen Langford			
Attorney Docket Number:	083523.0121			
Filed as Large Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
UTILITY APPL ISSUE FEE	1501	1	1000	1000

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				1000

Electronic Acknowledgement Receipt

EFS ID:	34670951
Application Number:	15944542
International Application Number:	
Confirmation Number:	3585
Title of Invention:	Matching Process System and Method
First Named Inventor/Applicant Name:	Sean Rad
Customer Number:	5073
Filer:	Chad Christian Walters/Karen Langford
Filer Authorized By:	Chad Christian Walters
Attorney Docket Number:	083523.0121
Receipt Date:	21-DEC-2018
Filing Date:	03-APR-2018
Time Stamp:	12:53:44
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	\$ 1000
RAM confirmation Number	122118INTEFSW00014442020384
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Issue Fee Payment (PTO-85B)	121if.pdf	112241	no	1
			0b8492463dd2c61a3bd6387dbfc9e431ac55e15b		

Warnings:**Information:**

2	Post Allowance Communication - Incoming	121comments.pdf	102618	no	1
			325d42cb93b530fc0d0256478c149fce14a11eb1		

Warnings:**Information:**

3	Fee Worksheet (SB06)	fee-info.pdf	29985	no	2
			1c6ed4b58c6d028d7a1f8b28b0a21657689e3433		

Warnings:**Information:**

Total Files Size (in bytes):			244844
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
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 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

5073 7590 11/06/2018
 BAKER BOTTS L.L.P.
 2001 ROSS AVENUE
 SUITE 900
 DALLAS, TX 75201-2980

EXAMINER

CHOI, YUK TING

ART UNIT

PAPER NUMBER

2153

DATE MAILED: 11/06/2018

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/944,542	04/03/2018	Sean Rad	083523.0121	3585

TITLE OF INVENTION: Matching Process System and Method

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$1000	\$0.00	\$0.00	\$1000	02/06/2019

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Maintenance fees are due in utility patents issuing on applications filed on or after Dec. 12, 1980. It is patentee's responsibility to ensure timely payment of maintenance fees when due. More information is available at www.uspto.gov/PatentMaintenanceFees.

PART B - FEE(S) TRANSMITTAL

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Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

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5073 7590 11/06/2018
BAKER BOTTS L.L.P.
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Certificate of Mailing or Transmission

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(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/944,542	04/03/2018	Sean Rad	083523.0121	3585

TITLE OF INVENTION: Matching Process System and Method

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nonprovisional	UNDISCOUNTED	\$1000	\$0.00	\$0.00	\$1000	02/06/2019

EXAMINER	ART UNIT	CLASS-SUBCLASS
CHOI, YUK TING	2153	707-005000

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☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-09 or more recent) attached. **Use of a Customer Number is required.**

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(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 _____

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. Fees submitted: ☐ Issue Fee ☐ Publication Fee (if required) ☐ Advance Order - # of Copies _____

4b. Method of Payment: (Please first reapply any previously paid fee shown above)

☐ Electronic Payment via EFS-Web ☐ Enclosed check ☐ Non-electronic payment by credit card (Attach form PTO-2038)

☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. _____

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☐ Applicant asserting small entity status. See 37 CFR 1.27

☐ Applicant changing to regular undiscounted fee status.

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Authorized Signature _____

Date _____

Typed or printed name _____

Registration No. _____



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/944,542	04/03/2018	Sean Rad	083523.0121	3585
5073	7590	11/06/2018	EXAMINER	
BAKER BOTTS L.L.P.			CHOI, YUK TING	
2001 ROSS AVENUE				
SUITE 900			ART UNIT	
DALLAS, TX 75201-2980			PAPER NUMBER	
			2153	
DATE MAILED: 11/06/2018				

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
 (Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability	Application No. 15/944,542	Applicant(s) Rad et al.	
	Examiner YUK TING CHOI	Art Unit 2153	AIA Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/02/2018.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on ____.

2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on ____; the restriction requirement and election have been incorporated into this action.

3. ☒ The allowed claim(s) is/are 1-2,5,7-8,11,13-14,17,19-20 and 23. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to **PPHfeedback@uspto.gov**.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a) ☐ All b) ☐ Some *c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. ____.

3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file areply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date <u>08/07/2018</u> . 3. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material _____. 4. <input type="checkbox"/> Interview Summary (PTO-413), Paper No./Mail Date _____.	5. <input type="checkbox"/> Examiner's Amendment/Comment 6. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 7. <input type="checkbox"/> Other _____.
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/YUK TING CHOI/
Primary Examiner, Art Unit 2153

Application/Control Number: 15/944,542
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DETAILED OFFICE

Response to Amendment

1. This office action is in response to applicant's communication filed on 10/02/2018 in response to PTO Office Action mailed on 08/08/2018. The Applicant's remarks and amendments to the claims and/or the specification were considered with the results as follows.
2. In response to the last Office Action, claims 1, 7, 13, 19 have been amended. Claims 3, 4, 6, 9, 10, 12, 15, 16, 18, 21, 22 and 24 are canceled. As a result, claims 1, 2, 5, 7, 8, 11, 13, 14, 17, 19, 20 and 23 are pending in this office action.
3. The Terminal Disclaimer, which filed on 10/03/2018 has been considered and approved. Therefore, the Double Patenting rejections have been withdrawn.
4. The 35 USC 101 rejections have been withdrawn due to the amendment filed on 10/02/2018.
5. The 35 USC 103 rejections have been withdrawn due to the amendment filed on 10/02/2018.

Reasons for Allowance

6. The following is an examiner's statement of reasons for allowance:

The closest prior art fails to anticipate or render obvious the recited features of: the first user indicates a first positive preference associated with the graphical representation of the second user on the graphic user interface, the first positive preference indication associated with a first gesture performed on the graphical user interface, wherein the first gesture comprises a first swiping gesture; allow the first user to communicate with the second user in response to the first electronic device of the first user transmitting the first positive preference indication regarding the second user and a second user expressing a positive preference regarding the first user; transmit from the first electronic device of the first user a first negative

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preference indication associated with a graphical representation of a third potential match on the graphical user interface, the first negative preference indication associated with a second gesture performed on the graphical user interface, the third potential match corresponding to a third user, wherein the second gesture comprises a second swiping gesture different than the first swiping gesture, as recited in independent claims 1, 7, 13 and 19.

These features, together with the other limitations of the independent claims are novel and non-obvious over the prior art of record. The dependent claims 2, 5, 8, 11, 14, 17, 20 and 23 are being definite, enabled by the specification, and further limiting to the independent claim, are also allowable.

7. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to YUK TING CHOI whose telephone number is (571)270-1637. The examiner can normally be reached on Monday-Friday 9am-6pm.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is

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encouraged to use the USPTO Automated Interview Request (AIR) at
<http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Alford W Kindred can be reached on 5712724037. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/YUK TING CHOI/


Primary Examiner, Art Unit 2153

Issue Classification 	Application/Control No. 15/944,542	Applicant(s)/Patent Under Reexamination Rad et al.
	Examiner YUK TING CHOI	Art Unit 2153

CPC						
Symbol					Type	Version
G06F	/	3	/	04842	F	2013-01-01
G06F	/	17	/	30554	I	2013-01-01
G06F	/	17	/	30657	I	2013-01-01
G06Q	/	10	/	10	I	2013-01-01
G06Q	/	30	/	02	I	2013-01-01
G06Q	/	50	/	10	I	2013-01-01
G06Q	/	50	/	01	I	2013-01-01
G06F	/	3	/	0482	I	2013-01-01
G06F	/	3	/	0488	I	2013-01-01

CPC Combination Sets							
Symbol				Type	Set	Ranking	Version
	/		/				

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	12	
/YUK TING CHOI/ Primary Examiner, Art Unit 2153	22 October 2018	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	6-9

<i>Issue Classification</i> 	Application/Control No. 15/944,542	Applicant(s)/Patent Under Reexamination Rad et al.
	Examiner YUK TING CHOI	Art Unit 2153


INTERNATIONAL CLASSIFICATION			
CLAIMED			
G06F	/	17	/ 30

NON-CLAIMED			
/		/	

US ORIGINAL CLASSIFICATION	
CLASS	SUBCLASS

CROSS REFERENCES(S)						
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)					

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	12	
/YUK TING CHOI/ Primary Examiner, Art Unit 2153 (Primary Examiner)	22 October 2018 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 6-9


<i>Issue Classification</i> 	Application/Control No. 15/944,542	Applicant(s)/Patent Under Reexamination Rad et al.
	Examiner YUK TING CHOI	Art Unit 2153

☐ Claims renumbered in the same order as presented by applicant
 ☐ CPA
 ☒ T.D.
 ☐ R.1.47

CLAIMS

Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
1	1		10	10	19										
2	2	6	11	11	20										
	3		12		21										
	4	7	13		22										
3	5	8	14	12	23										
	6		15		24										
4	7		16												
5	8	9	17												
	9		18												

NONE (Assistant Examiner) _____ (Date) _____		Total Claims Allowed: 12	
/YUK TING CHOI/ Primary Examiner, Art Unit 2153 (Primary Examiner) _____ (Date) 22 October 2018		O.G. Print Claim(s) 1	O.G. Print Figure 6-9

<i>Search Notes</i> 	Application/Control No. 15/944,542	Applicant(s)/Patent Under Reexamination Rad et al.
	Examiner YUK TING CHOI	Art Unit 2153

CPC - Searched*		
Symbol	Date	Examiner
G06F17/30867 OR G06F17/3053 OR G06F17/30386	10/22/2018	

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	Date	Examiner
G06F17/30867 OR G06F17/3053 OR G06F17/30386 and East Text search	10/22/2018	
East Text Search	10/22/2018	
Inventor and Assignee search	10/22/2018	
IDS search	10/22/2018	
NPL google search	10/22/2018	

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner
	6F17/30867 OR G06F17/3053 OR G06F17/30386 and East Text search	10/22/2018	YC

/YUK TING CHOI/ Primary Examiner, Art Unit 2153	
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EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L11	7	((sean near5 rad) (johnathan near5 badeen)(todd near5 carrico)(kenneth near5 hoskin) (james near5 stone)).in. and (user match\$3) near10 profil\$3 and swip\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/10/22 13:55
L9	1	(allow\$3 establish\$3 generat\$3 creat\$3 initiat\$3 start\$3) near10 (first initial) near20 (communica\$5 chat\$3 messag\$3) near20 (both near10 (parties clients subscribers user\$3 users) near20 (positive indication approval agreed approved allowed liked)) and swip\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/10/22 13:55
L7	4	(tinder ("match.com")).as. and profil\$3 and swip\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/10/22 13:55
L5	20	(swip\$3 near10 direction) same (approv\$3 like disappro\$5 dislike) AND (G06F17/30867 OR G06F17/3053 OR G06F17/30386).CPC.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/10/22 13:54
L4	3	match\$3 near10 (profil\$3) and dating and different near10 (social) near10 (network\$3 platform\$3) and approval near10 (user\$3) and swip\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/10/22 13:54
L3	18	match\$3 near10 (profil\$3) and dat\$3 and different near10 (social) near10 (network\$3 platform\$3) and approval near10 (user\$3) and swip\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/10/22 13:54
S287	1	"20120088524" and messag\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/08/02 17:51
S286	1	"20120088524" and email	US-PGPUB;	OR	OFF	2018/08/02

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			17:51
S285	2	"20120088524" and social	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/08/02 17:47
S284	1	"20120088524" and dismiss\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/08/02 17:15
S282	1	"20120088524" and receiv\$3 near5 message\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/08/02 17:01
S281	1	"20120088524" and send near5 message\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/08/02 16:54
S280	1	"20120088524" and send same saved	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/08/02 16:53
S279	1	"20120088524" and saved	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/08/02 16:46
S278	1	"20120088524" and dismiss\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/08/02 16:44
S277	1	"20120088524" and director\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	OFF	2018/08/02 16:43

			IBM_TDB			
S276	1	"20120088524" and profile\$3 and (dating) and criter\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/08/02 16:23
S275	1	"20120088524" and (user) near10 profile\$3 and select\$3 near10 criter\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/08/02 16:20
S274	1	"20120088524" and (generat\$3 creat\$3) near10 profile\$3 and select\$3 near10 criter\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/08/02 16:19
S273	1	"20120088524" and creat\$3 near10 profile\$3 and select\$3 near10 criter\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/08/02 16:18
S271	1	"20120088524" and profile\$3 and (dat\$3) near10 (preference\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/08/02 16:14
S270	1	"20120088524" and profile\$3 and (dat\$3) and criter\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/08/02 16:13
S268	1	"20120088524" and profile\$3 and (dat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/08/02 16:12
S267	1	"20120088524" and profile\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/08/02 16:12
S266	1	"20120088524" and sav\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	OFF	2018/08/02 16:03

			JPO; DERWENT; IBM_TDB			
S264	1	"20120088524" and interest\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/08/02 16:03
S263	1	"20120088524" and (dismiss\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/08/02 16:02
S262	8	"9733811"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/08/02 12:30
S261	1	"15676773"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/08/02 12:12

10/ 22/ 2018 2:20:46 PM
C:\ Users\ cchoi\ Documents\ EAST\ Workspaces\ 15944542_matching_process_system_method.wsp

Doc code: IDS

PTO/SB/08a (02-18)

Doc description: Information Disclosure Statement (IDS) Filed

Approved for use through 11/30/2020. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		15944542	
	Filing Date		2018-04-03	
	First Named Inventor	RAD		
	Art Unit	2153		
	Examiner Name	Yuk Ting Choi		
	Attorney Docket Number	083523.0121		

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	9547369		2017-01-17	WERNICK et al.	
	2	9720570		2017-08-01	WERNICK et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS						
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS								
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS								
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /Y.C/

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	15944542
Filing Date	2018-04-03
First Named Inventor	RAD
Art Unit	2153
Examiner Name	Yuk Ting Choi
Attorney Docket Number	083523.0121

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1		<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	/YUK TING CHOI/	Date Considered	10/22/2018
--------------------	-----------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /Y.C/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	15944542
Filing Date	2018-04-03
First Named Inventor	RAD
Art Unit	2153
Examiner Name	Yuk Ting Choi
Attorney Docket Number	083523.0121

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Chad C. Walters/	Date (YYYY-MM-DD)	2018-08-07
Name/Print	Chad C. Walters	Registration Number	48022

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.



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 Alexandria, Virginia 22313-1450
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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
15/944,542	04/03/2018	Sean Rad	083523.0121

5073
 BAKER BOTTS L.L.P.
 2001 ROSS AVENUE
 SUITE 900
 DALLAS, TX 75201-2980

CONFIRMATION NO. 3585
POA ACCEPTANCE LETTER



Date Mailed: 10/15/2018

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 10/02/2018.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at (571) 272-4000 or (571) 272-4200 or 1-888-786-0101.

/tlulu/



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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
15/944,542	04/03/2018	Sean Rad	083523.0121

CONFIRMATION NO. 3585

PUBLICATION NOTICE



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5073
 BAKER BOTTS L.L.P.
 2001 ROSS AVENUE
 SUITE 900
 DALLAS, TX 75201-2980

Title: Matching Process System and Method

Publication No. US-2018-0292981-A1

Publication Date: 10/11/2018

NOTICE OF PUBLICATION OF APPLICATION

The above-identified application will be electronically published as a patent application publication pursuant to 37 CFR 1.211, et seq. The patent application publication number and publication date are set forth above.


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The publication process established by the Office does not provide for mailing a copy of the publication to applicant. A copy of the publication may be obtained from the Office upon payment of the appropriate fee set forth in 37 CFR 1.19(a)(1). Orders for copies of patent application publications are handled by the USPTO's Public Records Division. The Public Records Division can be reached by telephone at (571) 272-3150 or (800) 972-6382, by facsimile at (571) 273-3250, by mail addressed to the United States Patent and Trademark Office, Public Records Division, Alexandria, VA 22313-1450 or via the Internet.

In addition, information on the status of the application, including the mailing date of Office actions and the dates of receipt of correspondence filed in the Office, may also be accessed via the Internet through the Patent Electronic Business Center at www.uspto.gov using the public side of the Patent Application Information and Retrieval (PAIR) system. The direct link to access this status information is currently <https://portal.uspto.gov/pair/PublicPair>. Prior to publication, such status information is confidential and may only be obtained by applicant using the private side of PAIR.

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Application Number 	Application/Control No. 15/944,542	Applicant(s)/Patent under Reexamination RAD ET AL.	
Document Code - DISQ		Internal Document – DO NOT MAIL	

TERMINAL DISCLAIMER	<input checked="" type="checkbox"/> APPROVED	<input type="checkbox"/> DISAPPROVED
Date Filed : 02 October, 2018	This patent is subject to a Terminal Disclaimer	

Approved/Disapproved by:
<u>/CRYSTAL QUEEN/</u> Technology Center: <u>PLRC</u> Telephone: _____

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Sean RAD
Serial No.: 15/944,542
Filing Date: April 3, 2018
Art Unit: 2153
Confirmation No.: 3585
Examiner: Yuk Ting Choi
Title: MATCHING PROCESS SYSTEM AND METHOD

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Examiner:

RESPONSE TO OFFICE ACTION PURSUANT TO 37 C.F.R. § 1.111

In response to the Office Action dated August 8, 2018 ("Office Action"), Applicants respectfully request the Examiner to reconsider the rejection of the claims in view of the following amendments and remarks. Please amend the Application as follows.

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IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

I. (Currently Amended) A non-transitory computer-readable medium comprising instructions that, when executed by a processor, are configured to:

electronically receive a plurality of user online-dating profiles, each profile comprising traits of a respective user;

electronically receive a first request for matching, the first request electronically submitted by a first user using a first electronic device;

determine from the plurality of user online-dating profiles a set of potential matches for the first user;

cause the display of a graphical representation of a first potential match of the set of potential matches to the first user on a graphical user interface of the first electronic device, the first potential match corresponding to a second user;

receive from the first electronic device of the first user a first positive preference indication associated with the graphical representation of the second user on the graphical user interface, the first positive preference indication associated with a first gesture performed on the graphical user interface, wherein the first gesture comprises a first swiping gesture;

cause the graphical user interface to display a graphical representation of a second potential match of the set of potential matches instead of the graphical representation of the first potential match;

receive from a second electronic device of the second user a positive preference indication regarding the first user;

determine to allow the first user to communicate with the second user in response to receiving from the first electronic device of the first user the first positive preference indication regarding the second user and receiving from the second electronic device of the second user the positive preference indication regarding the first user;

receive from the first electronic device of the first user a first negative preference indication associated with a graphical representation of a third potential match on the

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graphical user interface, the first negative preference indication associated with a second gesture performed on the graphical user interface, the third potential match corresponding to a third user, wherein the second gesture comprises a second swiping gesture different than the first swiping gesture;

without allowing communication between the first user and the third user, receive from the first electronic device of the first user a second positive preference indication associated with a graphical representation of a fourth potential match on the graphical user interface, the second positive preference indication associated with the first gesture performed on the graphical user interface, the fourth potential match corresponding to a fourth user;

receive from a third electronic device of the fourth user a second negative preference indication associated with a graphical representation of the first user; and

without allowing communication between the first user and the fourth user, receive from the first electronic device of the first user a third positive preference indication associated with a graphical representation of a fifth potential match on the graphical user interface, the third positive preference indication associated with the first gesture performed on the graphical user interface, the fifth potential match corresponding to a fifth user.

2. (Original) The medium of Claim 1, wherein at least one or more of the plurality of user on-line dating profiles is associated with a social networking platform.

3. (Canceled)

4. (Canceled)

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5. (Original) The medium of Claim 1, further comprising instructions configured to, in response to determining to allow the first user to communicate with the second user, cause the display of a graphical notification on the graphical user interface of the first electronic device of the first user, the graphical notification indicating that a match exists between the first user and the second user and presenting an option for the first user to communicate with the second user.

6. (Canceled)

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7. (Currently Amended) A system for profile matching, comprising:

- an interface operable to:
 - electronically receive a plurality of user online-dating profiles, each profile comprising traits of a respective user; and
 - electronically receive a first request for matching, the first request electronically submitted by a first user using a first electronic device;
- a processor coupled to the interface and operable to:
 - determine from the plurality of user online-dating profiles a set of potential matches for the first user; and
 - cause the display of a graphical representation of a first potential match of the set of potential matches to the first user on a graphical user interface of the first electronic device, the first potential match corresponding to a second user;
- wherein the interface is further operable to receive from the first electronic device of the first user a first positive preference indication associated with the graphical representation of the second user on the graphical user interface, the first positive preference indication associated with a first gesture performed on the graphical user interface, wherein the first gesture comprises a first swiping gesture;
- wherein the processor is further operable to cause the graphical user interface to display a graphical representation of a second potential match of the set of potential matches instead of the graphical representation of the first potential match;
- wherein the interface is further operable to receive from a second electronic device of the second user a positive preference indication regarding the first user;
- wherein the processor is further operable to determine to allow the first user to communicate with the second user in response to receiving from the first electronic device of the first user the first positive preference indication regarding the second user and receiving from the second electronic device of the second user the positive preference indication regarding the first user; and
- wherein the interface is further operable to:
 - receive from the first electronic device of the first user a first negative preference indication associated with a graphical representation of a third potential match on the graphical user interface, the first negative preference indication associated with a second gesture performed on the graphical user interface, the third potential match corresponding to

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a third user, wherein the second gesture comprises a second swiping gesture different than the first swiping gesture;

without allowing communication between the first user and the third user, receive from the first electronic device of the first user a second positive preference indication associated with a graphical representation of a fourth potential match on the graphical user interface, the second positive preference indication associated with the first gesture performed on the graphical user interface, the fourth potential match corresponding to a fourth user;

receive from a third electronic device of the fourth user a second negative preference indication associated with a graphical representation of the first user; and

without allowing communication between the first user and the fourth user, receive from the first electronic device of the first user a third positive preference indication associated with a graphical representation of a fifth potential match on the graphical user interface, the third positive preference indication associated with the first gesture performed on the graphical user interface, the fifth potential match corresponding to a fifth user.

8. (Original) The system of Claim 7, wherein at least one or more of the plurality of user on-line dating profiles is associated with a social networking platform.

9. (Canceled)

10. (Canceled)

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11. (Original) The system of Claim 7, wherein the processor is further operable to, in response to determining to allow the first user to communicate with the second user, cause the display of a graphical notification on the graphical user interface of the first electronic device of the first user, the graphical notification indicating that a match exists between the first user and the second user and presenting an option for the first user to communicate with the second user.

12. (Canceled)

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13. (Currently Amended) A computer implemented method of profile matching, comprising:

electronically transmitting from a first electronic device of a first user a first request for matching;

causing the display of a graphical representation of a first potential match of a set of potential matches to the first user on a graphical user interface of the first electronic device, the first potential match corresponding to a second user;

wherein the set of potential matches for the first user are determined from a plurality of user online-dating profiles in response to the first request for matching;

wherein the plurality of user online-dating profiles each comprises traits of a respective user;

transmitting from the first electronic device of the first user a first positive preference indication associated with the graphical representation of the second user on the graphical user interface, the first positive preference indication associated with a first gesture performed on the graphical user interface, wherein the first gesture comprises a first swiping gesture;

causing the display on the graphical user interface of a graphical representation of a second potential match of the set of potential matches instead of the graphical representation of the first potential match;

allowing the first user to communicate with the second user in response to the first electronic device of the first user transmitting the first positive preference indication regarding the second user and a second user expressing a positive preference regarding the first user;

transmitting from the first electronic device of the first user a first negative preference indication associated with a graphical representation of a third potential match on the graphical user interface, the first negative preference indication associated with a second gesture performed on the graphical user interface, the third potential match corresponding to a third user, wherein the second gesture comprises a second swiping gesture different than the first swiping gesture;

without allowing the first user to communicate with the third user, transmitting from the first electronic device of the first user a second positive preference indication associated with a graphical representation of a fourth potential match on the graphical user interface, the

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second positive preference indication associated with the first gesture performed on the graphical user interface, the fourth potential match corresponding to a fourth user;

wherein there is a fourth user expression of a negative preference for the first user;
and

without allowing communication between the first user and the fourth user, transmitting from the first electronic device of the first user a third positive preference indication associated with a graphical representation of a fifth potential match on the graphical user interface, the third positive preference indication associated with the first gesture performed on the graphical user interface, the fifth potential match corresponding to a fifth user.

14. (Original) The method of Claim 13, wherein at least one or more of the plurality of user on-line dating profiles is associated with a social networking platform.

15. (Canceled)

16. (Canceled)

17. (Original) The method of Claim 13, further comprising causing the display of a graphical notification on the graphical user interface of the first electronic device of the first user, the graphical notification indicating that a match exists between the first user and the second user and presenting an option for the first user to communicate with the second user.

18. (Canceled)

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19. (Currently Amended) A system for profile matching, comprising:

an interface operable to electronically transmit from a first electronic device of a first user a first request for matching;

a processor coupled to the interface and operable to cause the display of a graphical representation of a first potential match of a set of potential matches to the first user on a graphical user interface of the first electronic device, the first potential match corresponding to a second user;

wherein the set of potential matches for the first user are determined from a plurality of user online-dating profiles in response to the first request for matching;

wherein the plurality of user online-dating profiles each comprises traits of a respective user;

wherein the interface is further operable to transmit from the first electronic device of the first user a first positive preference indication associated with the graphical representation of the second user on the graphical user interface, the first positive preference indication associated with a first gesture performed on the graphical user interface, wherein the first gesture comprises a first swiping gesture;

wherein the processor is further operable to:

cause the display on the graphical user interface of a graphical representation of a second potential match of the set of potential matches instead of the graphical representation of the first potential match; and

allow the first user to communicate with the second user in response to the first electronic device of the first user transmitting the first positive preference indication regarding the second user and a second user expressing a positive preference regarding the first user;

wherein the interface is further operable to:

transmit from the first electronic device of the first user a first negative preference indication associated with a graphical representation of a third potential match on the graphical user interface, the first negative preference indication associated with a second gesture performed on the graphical user interface, the third potential match corresponding to a third user, wherein the second gesture comprises a second swiping gesture different than the first swiping gesture; and

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without allowing the first user to communicate with the third user, transmit from the first electronic device of the first user a second positive preference indication associated with a graphical representation of a fourth potential match on the graphical user interface, the second positive preference indication associated with the first gesture performed on the graphical user interface, the fourth potential match corresponding to a fourth user;

wherein there is a fourth user expression of a negative preference for the first user;
and

wherein the interface is further operable to, without allowing communication between the first user and the fourth user, transmit from the first electronic device of the first user a third positive preference indication associated with a graphical representation of a fifth potential match on the graphical user interface, the third positive preference indication associated with the first gesture performed on the graphical user interface, the fifth potential match corresponding to a fifth user.

20. (Original) The system of Claim 19, wherein at least one or more of the plurality of user on-line dating profiles is associated with a social networking platform.

21. (Canceled)

22. (Canceled)

23. (Original) The system of Claim 19, wherein the processor is further operable to cause the display of a graphical notification on the graphical user interface of the first electronic device of the first user, the graphical notification indicating that a match exists between the first user and the second user and presenting an option for the first user to communicate with the second user.

24. (Canceled)

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REMARKS

This Application has been carefully reviewed in light of the Office Action. Applicants appreciate the Examiner's consideration of the Application. In order to advance prosecution of this Application, Applicants have responded to each notation contained within the Office Action. Applicants amend Claims 1, 7, and 19 and cancel Claims 3-4, 6, 9-10, 12, 15-16, 18, 21-22, and 24. Applicants respectfully request reconsideration and favorable action in this case.

Double Patenting

The Office Action rejects Claims 1-24 under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-15 of U.S. Patent No. 9,733,811. Applicants do not necessarily agree with or acquiesce to the Examiner's comments regarding the claims of the present Application or their purported relationship to the claims of the patent. Enclosed with this Response, however, is a Terminal Disclaimer in compliance with 37 C.F.R. § 1.321(c) to overcome the obviousness-type double patenting rejection. Reconsideration and withdrawal of the double patenting rejection of these claims is respectfully requested.

Examiner Interview

Applicants appreciate the Examiner's discussion of this case on September 13, 2018 with Applicants' representative, Chad C. Walters (Reg. No. 48,022). During the interview, the Examiner and Applicants' representative discussed the 35 U.S.C. 101 rejections and the apparent 35 U.S.C. 103 rejections based on the *Moldavsky* and *Hymes* references. The Examiner and Applicants' representative discussed the inclusion of the swiping functionality of dependent Claim 3 (and other dependent claims) into the independent claims. The Examiner agreed that amendments to incorporate those elements into the independent claims would overcome both the 35 U.S.C. 101 rejections and the references considered by the Examiner.

Section 101 Rejection

The Office Action rejects Claims 1-24 under 35 U.S.C. § 101. To advance prosecution, Applicants have amended Claims 1, 7, and 19 as discussed in the Examiner

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Interview. Applicants respectfully submit that the claims are allowable under 35 U.S.C. § 101.

Section 103 Rejection

The Office Action appears to include a rejection under 35 U.S.C. 103 based on the *Moldavsky* and *Hymes* references. Applicants have amended Claims 1, 7, and 19 and respectfully submit that these amended claims are allowable over these references, as agreed by the Examiner in the Examiner Interview. Applicants respectfully request allowance of all pending claims.

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No Waiver

Applicants' arguments are made without prejudice or disclaimer. By not responding to additional statements contained within the Office Action, Applicants do not acquiesce to the additional statements. The distinctions between the applied references and the claims are provided as examples only and are sufficient to overcome the rejections. Applicants reserve the right to discuss additional or other distinctions in a later response or on appeal, if appropriate.

Request for Evidentiary Support

If the Examiner is relying upon "common knowledge" or "well known" principles or "Official Notice" or other information within the Examiner's personal knowledge to establish a rejection, Applicants respectfully request that the Examiner cite a reference or provide an affidavit in support of the position in accordance with M.P.E.P. § 2144.03 and 37 C.F.R. 1.104(d)(2).

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CONCLUSION


Applicants have made an earnest attempt to place this case in condition for allowance. For at least the foregoing reasons, Applicants respectfully request full allowance of all the pending claims.

If the Examiner believes a telephone conference would advance prosecution of this case in any way, the Examiner is invited to contact Chad C. Walters, Attorney for Applicants, at the Examiner's convenience at (214) 953-6511.

Although Applicants believe no fees are due, the Commissioner is authorized to charge any necessary fees and credit any overpayments to Deposit Account No. 02-0384 of BAKER BOTTS L.L.P.

Respectfully submitted,

BAKER BOTTS L.L.P.
Attorneys for Applicants


Chad C. Walters
Reg. No. 48,022
Tel. 214.953.6511

Date: October 2, 2018

Correspondence Address:

Customer Number: **05073**

PTO/AIA/80 (07-17)

Approved for use through 01/31/2018. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(c).

I hereby appoint:

☒ Practitioners associated with Customer Number: 05073

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number

Name	Registration Number

As attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(c).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(c) to:

☒ The address associated with Customer Number: 05073

OR

<input type="checkbox"/> Firm or individual name		
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Assignee name and address: Match Group, LLC
8750 N. Central Expressway, Suite 1400
Dallas, Texas 75231

A copy of this form, together with a statement under 37 CFR 3.73(c) (Form PTO/AIA/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(c) may be completed by one of the practitioners appointed in this form, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee.

Signature <i>Laurie Braddock</i>	Date September 28, 2018
Name Laurie Braddock	Telephone 214-576-3236
Title Asst. Secretary	

This collection of information is required by 37 CFR 1.31, 1.32, and 1.33. The information is required to obtain or retain a benefit by the public, which is to update (and by the USPTO to process) the file of a patent or reexamination proceeding. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 18 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

ATTORNEY DOCKET NO.
076533.0146

DECLARATION AND
POWER OF ATTORNEY

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DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare:

that my residence and post office address, are as stated below next to my name;

that I believe I am the original and sole inventor (if only one name is listed below) or an original and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention, design or discovery in an application entitled MATCHING PROCESS SYSTEM AND METHOD, of which (check one):

_____ is attached hereto; or

 X was filed on October 21, 2013 as Application Serial No. 14/059,192 and was amended on _____ (if applicable);

that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above;

that I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56; and

that I have made or authorized to be made the application for the above entitled invention, design, or discovery.

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076533.0146

DECLARATION AND
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I hereby appoint:

Practitioners at Customer Number **05073**

all of the firm of BAKER BOTTS LLP, my attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, and to file and prosecute any international patent applications filed thereon before any international authorities.

Send Correspondence To:

Chad C. Walters

Customer Number 05073

Direct Telephone Calls To:

Chad C. Walters

at 214.953.6511

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment of not more than five years, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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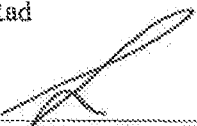
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Title of Invention: Matching Process System And Method

Full name of inventor: Sean Rad

Inventor's signature:



Date:

11-9-14

Residence (City, State):

Los Angeles, California

Post Office Address:

10430 Wilshire Blvd.
Unit 1403
Los Angeles, California 90024

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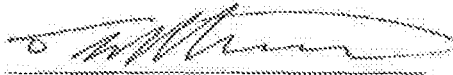
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Title of Invention: Matching Process System And Method

Full name of inventor: Todd M. Carrico

Inventor's signature:



Date:

12/11/2014

Residence (City, State):

~~Sachse, Texas~~ McLessa, Texas

Post Office Address:

~~1407 Sunrise Lane
Sachse, Texas 75048~~

2 S. Audywood Ln
McLessa TX 75454

ATTORNEY DOCKET NO.
076533.0146

DECLARATION AND
POWER OF ATTORNEY

5 of 6

Title of Invention: Matching Process System And Method

Full name of inventor: Kenneth B. Hoskins

Inventor's signature:

Date:

Residence (City, State):

Post Office Address:

Plano, Texas

2817 Chancellor Drive
Plano, Texas 75074

ATTORNEY DOCKET NO.
076533.0146

DECLARATION AND
POWER OF ATTORNEY

6 of 6

Title of Invention: Matching Process System And Method

Full name of inventor: James C. Stone

Inventor's signature:

Date:

Residence (City, State): Addison, Texas

Post Office Address: 15826 Breedlove
Addison, Texas 75001

ATTORNEY DOCKET NO.
083523.0118

DECLARATION AND
POWER OF ATTORNEY

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare:

that my residence and post office address, are as stated below next to my name;

that I believe I am the original and sole inventor (if only one name is listed below) or an original and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention, design or discovery in an application entitled **MATCHING PROCESS SYSTEM AND METHOD**, of which (check one):

_____ is attached hereto; or

☒ was filed on October 21, 2013 as Application Serial No. 14/059,192;

that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above;

that I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56; and

that I have made or authorized to be made the application for the above entitled invention, design, or discovery.

I hereby appoint:

Practitioners at Customer Number **05073**

all of the firm of BAKER BOTTS LLP., my attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, and to file and prosecute any international patent applications filed thereon before any international authorities.

Send Correspondence To:

Chad C. Walters

Customer Number 05073

Direct Telephone Calls To:

Chad C. Walters

at 214.953.6511

ATTORNEY DOCKET NO.
083523.0118

DECLARATION AND
POWER OF ATTORNEY

2

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment of not more than five years, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

30725831

ATTORNEY DOCKET NO.
083523,0118

DECLARATION AND
POWER OF ATTORNEY

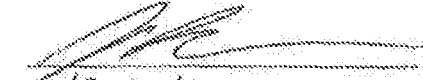
3

Title of Invention: MATCHING PROCESS SYSTEM AND METHOD

Full name of inventor: Jonathan Badeen

Inventor's signature:

Date:


12-1-16

Residence (City, State): North Hollywood, California

Post Office Address: 11201 Otsego St. #400
North Hollywood, California 91601

Doc code: Oath

Document Description: Oath or declaration filed

PTO/AIA/02 (07-13)

Approved for use through 11/30/2020. OMB 0851-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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SUBSTITUTE STATEMENT IN LIEU OF AN OATH OR DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (35 U.S.C. 115(d) AND 37 CFR 1.64)**Title of
Invention**

Matching Process System and Method

This statement is directed to:

☐ The attached application,

OR

☒ United States application or PCT international application number 15/944,542 filed on April 3, 2018**LEGAL NAME of inventor to whom this substitute statement applies:**

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

James C. Stone

Residence (except for a deceased or legally incapacitated inventor):

City RichardsonState TXCountry US

Mailing Address (except for a deceased or legally incapacitated inventor):

706 Dumont Drive

City RichardsonState TXZip 75080Country US

I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application.

The above-identified application was made or authorized to be made by me.

I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Relationship to the inventor to whom this substitute statement applies:

- ☐ Legal Representative (for deceased or legally incapacitated inventor only).
- ☒ Assignee.
- ☐ Person to whom the inventor is under an obligation to assign.
- ☐ Person who otherwise shows a sufficient proprietary interest in the matter (petition under 37 CFR 1.46 is required), or
- ☐ Joint Inventor.

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

SUBSTITUTE STATEMENT

Circumstances permitting execution of this substitute statement:

- ☐ Inventor is deceased,
- ☐ Inventor is under legal incapacity,
- ☒ Inventor cannot be found or reached after diligent effort, or
- ☐ Inventor has refused to execute the oath or declaration under 37 CFR 1.63.

If there are joint inventors, please check the appropriate box below:

- ☒ An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) naming the entire inventive entity has been or is currently submitted.
- OR
- ☐ An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/11 or equivalent) naming the entire inventive entity and providing inventor information is attached. See 37 CFR 1.64(b).

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

PERSON EXECUTING THIS SUBSTITUTE STATEMENT:

Name: Laurie Braddock

9/28/18
Date (Optional):

Signature:

*Laurie Braddock***APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT:**

If the applicant is a juristic entity, list the applicant name and the title of the signer:

Match Group, LLC

Applicant Name:

Title of Person Executing
This Substitute Statement: Asst. Secretary

The signer, whose title is supplied above, is authorized to act on behalf of the applicant.

Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent):

City

State

Country

Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)

City

State

Zip

Country

Note: Use an additional PTO/AIA/02 form for each inventor who is deceased, legally incapacitated, cannot be found or reached after diligent effort, or has refused to execute the oath or declaration under 37 CFR 1.63.

Electronic Patent Application Fee Transmittal

Application Number:	15944542			
Filing Date:	03-Apr-2018			
Title of Invention:	Matching Process System and Method			
First Named Inventor/Applicant Name:	Sean Rad			
Filer:	Chad Christian Walters/Wendy Flottman			
Attorney Docket Number:	083523.0121			
Filed as Large Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
STATUTORY OR TERMINAL DISCLAIMER	1814	1	160	160
Total in USD (\$)				160

Electronic Acknowledgement Receipt

EFS ID:	33896687
Application Number:	15944542
International Application Number:	
Confirmation Number:	3585
Title of Invention:	Matching Process System and Method
First Named Inventor/Applicant Name:	Sean Rad
Customer Number:	5073
Filer:	Chad Christian Walters/Wendy Flottman
Filer Authorized By:	Chad Christian Walters
Attorney Docket Number:	083523.0121
Receipt Date:	02-OCT-2018
Filing Date:	03-APR-2018
Time Stamp:	16:05:12
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	\$ 160
RAM confirmation Number	100318INTEFSW00003074020384
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		Response.PDF	646822	yes	15
			7ecc4cd6597e1330505dc1c42cecf174e8abb0fde		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Amendment/Req. Reconsideration-After Non-Final Reject		1	1	
	Claims		2	11	
	Applicant Arguments/Remarks Made in an Amendment		12	15	
Warnings:					
Information:					
2	Terminal Disclaimer Filed	Terminal_Disclaimer.pdf	152564	no	2
			cf5be78728b514b8feec327eb1c7e7201ea9cada		
Warnings:					
Information:					
3	Power of Attorney	POA.pdf	1760071	no	2
			671474b9c08f3bf4beebcd78d32d04fd8d50b42c0		
Warnings:					
Information:					
4	Oath or Declaration filed	Declaration.PDF	435054	no	11
			cde557cb9d55bfcd2d6255bae7060a609ed6d521		
Warnings:					
Information:					
5	Fee Worksheet (SB06)	fee-info.pdf	30349	no	2
			efe428e5121cfa72edc96fb36e52ed2dc84437ab		

Warnings:**Information:****Total Files Size (in bytes):**

3024860

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PTO/SB/26 (08-08)

Approved for use through 09/30/2008. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TERMINAL DISCLAIMER TO OBVIATE A DOUBLE PATENTING
REJECTION OVER A "PRIOR" PATENT**Docket Number (Optional)
083852.0121

In re Application of: Match Group, LLC

Application No.: 15/944,542

Filed: 04-03-2018

For: Matching Process System and Method

The owner*, Match Group, LLC, of 100 percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term prior patent No. 9,733,811 as the term of said prior patent is defined in 35 U.S.C. 154 and 173, and as the term of said prior patent is presently shortened by any terminal disclaimer. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. 154 and 173 of the prior patent, "as the term of said prior patent is presently shortened by any terminal disclaimer," in the event that said prior patent later:

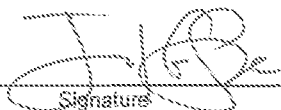
- expires for failure to pay a maintenance fee;
- is held unenforceable;
- is found invalid by a court of competent jurisdiction;
- is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321;
- has all claims canceled by a reexamination certificate;
- is reissued; or
- is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

Check either box 1 or 2 below, if appropriate.

1. ☒ For submissions on behalf of a business/organization (e.g., corporation, partnership, university, government agency, etc.), the undersigned is empowered to act on behalf of the business/organization.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

2. ☐ The undersigned is an attorney or agent of record. Reg. No. _____



August 7, 2018

Date

Jared F. Sine

Typed or printed name

(1) 214-265-9570

Telephone Number

- ☒ Terminal disclaimer fee under 37 CFR 1.20(d) included.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner).
Form PTO/SB/96 may be used for making this certification. See MPEP § 324.

This collection of information is required by 37 CFR 1.321. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875					Application or Docket Number 15/944,542		Filing Date 04/03/2018		<input type="checkbox"/> To be Mailed				
ENTITY: <input checked="" type="checkbox"/> LARGE <input type="checkbox"/> SMALL <input type="checkbox"/> MICRO													
APPLICATION AS FILED – PART I													
(Column 1)			(Column 2)										
FOR		NUMBER FILED		NUMBER EXTRA		RATE (\$)		FEE (\$)					
<input type="checkbox"/> BASIC FEE (37 CFR 1.16(a), (b), or (c))		N/A		N/A		N/A							
<input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (i), or (m))		N/A		N/A		N/A							
<input type="checkbox"/> EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))		N/A		N/A		N/A							
TOTAL CLAIMS (37 CFR 1.16(i))		minus 20 =		*		X \$ =							
INDEPENDENT CLAIMS (37 CFR 1.16(h))		minus 3 =		*		X \$ =							
<input type="checkbox"/> APPLICATION SIZE FEE (37 CFR 1.16(s))		If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).											
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))													
* If the difference in column 1 is less than zero, enter "0" in column 2.						TOTAL							
APPLICATION AS AMENDED – PART II													
(Column 1)			(Column 2)			(Column 3)							
AMENDMENT	10/02/2018		CLAIMS REMAINING AFTER AMENDMENT			HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA		RATE (\$)		ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))		* 12		Minus	** 24		= 0		X \$100 =		0	
	Independent (37 CFR 1.16(h))		* 4		Minus	*** 4		= 0		X \$460 =		0	
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))												
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))												
										TOTAL ADD'L FEE		0	
(Column 1)			(Column 2)			(Column 3)							
AMENDMENT			CLAIMS REMAINING AFTER AMENDMENT			HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA		RATE (\$)		ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))		*		Minus	**		=		X \$ =			
	Independent (37 CFR 1.16(h))		*		Minus	***		=		X \$ =			
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))												
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))												
										TOTAL ADD'L FEE			
<p>* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.</p> <p>** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".</p> <p>*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".</p> <p>The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.</p>											LIE LAVINIA JOHNSON		

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

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P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/944,542	04/03/2018	Sean Rad	083523.0121	3585

5073	7590	08/10/2018
BAKER BOTTS L.L.P.		
2001 ROSS AVENUE		
SUITE 900		
DALLAS, TEXAS 75201-2980		
UNITED STATES OF AMERICA		

EXAMINER	
CHOI, YUK TING	

ART UNIT	PAPER NUMBER
2153	

NOTIFICATION DATE	DELIVERY MODE
08/10/2018	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ptomail1@bakerbotts.com

ptomail2@bakerbotts.com

<i>Examiner-Initiated Interview Summary</i>	Application No.	Applicant(s)	
	15/944,542	Rad et al.	
	Examiner	Art Unit	AIA Status
	YUK TING CHOI	2153	No

All participants (applicant, applicant's representative, PTO personnel):

(1) YUK TING CHOI. (3) ____.

(2) Chad Walters. (4) ____.

Date of Interview: 25 July 2018.

Type: ☒ Telephonic ☐ Video Conference
☐ Personal [copy given to: ☐ applicant ☒ applicant's representative]

Exhibit shown or demonstration conducted: ☐ Yes ☐ No.
If Yes, brief description: ____.

Issues Discussed ☒ 101 ☐ 112 ☐ 102 ☐ 103 ☒ Others
(For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: 1,7,13 and 19.

Identification of prior art discussed: none.

Substance of Interview
(For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

Examiner suggested Applicant to incorporate claims 3, 9, 15 and 21 into claim 1, 7, 13 and 19 and a Terminal Disclaimer for case 14/059,192 to overcome the potential double patenting rejections in order to expedite the prosecution process. Applicant could not make decision at this stage. No agreement has been reached.

Applicant recordation instructions: It is not necessary for applicant to provide a separate record of the substance of interview.

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

☐ Attachment

/YUK TING CHOI/ Primary Examiner, Art Unit 2153	
--	--



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UNITED STATES OF AMERICA				
			ART UNIT	PAPER NUMBER
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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Office Action Summary**Application No.**

15/944,542

Applicant(s)

Rad et al.

Examiner

YUK TING CHOI

Art Unit

2153

AIA Status

No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on 4/03/2018.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on ____.

2a) ☐ This action is **FINAL**.

2b) ☒ This action is non-final.

3) ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on ____; the restriction requirement and election have been incorporated into this action.

4) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

5) ☒ Claim(s) 1-24 is/are pending in the application.

5a) Of the above claim(s) ____ is/are withdrawn from consideration.

6) ☐ Claim(s) ____ is/are allowed.

7) ☒ Claim(s) 1-24 is/are rejected.

8) ☐ Claim(s) ____ is/are objected to.

9) ☐ Claim(s) ____ are subject to restriction and/or election requirement

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

10) ☐ The specification is objected to by the Examiner.

11) ☒ The drawing(s) filed on 1-24 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a) ☐ All b) ☐ Some** c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. ____.

3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

3) ☐ Interview Summary (PTO-413)

Paper No(s)/Mail Date ____.

2) ☒ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b)

4) ☐ Other: ____.

Paper No(s)/Mail Date 04/03/2018.

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DETAILED ACTION

1. The present application 15/944,542, filed on 04/03/2018, is being examined under the pre-AIA first to invent provisions. Claims 1-24 are pending in this office action.

Drawings

2. The drawings received on 04/03/2018 are accepted by the Examiner.

Priority

3. Acknowledgment is made of applicant's claim for continuation applications

- No. 15/576,773 filed on 08/14/2017, not yet been examined.

- No. 14/059,102 filed on 10/21/2013, Patent No. 9,733,811, which is a continuation-in-part of application

-No. 12/399,301, filed on 12/19/2008, Patent No. 8, 566, 327, which is a provisional application

-No. 61/015/099, filed on 12/19/2007.

4. A declaration of prior invention under 35 CFR 1.31 was filed on 5/30/2017 in the parent case application No. 14/059,192, the earliest filing date was declared to be earlier than 08/6/2012. Therefore, the Janssens reference (US 2014/0040368 A1), which filed later than the parent case application No. 14/059,192 has been withdrawn for consideration.

Double Patenting

5. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined

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application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

Claims 1-24 are rejected on the ground of nonstatutory obvious double patenting over claims 1-15 of Patent No.: US 9,589,032 B1. The subject matter claimed in the instant application is disclosed in the Patent No.: US 9,589,032 B1. For example:

Patent No.: US 9,733,811 B1	Instant Application: 15/944,542
<p>Claim 4 (Similar to other independent claims 7 “System” and 1 “method” in order)</p> <p>A non-transitory computer-readable medium comprising instructions that,</p>	<p>Claim 1 (Similar to other independent claims 7 “System”, 13 “method and 19 “system”).</p> <p>A non-transitory computer-readable medium comprising instructions that,</p>

<p>when executed by a processor, are configured to: electronically receive a plurality of user online-dating profiles, each profile comprising traits of a respective user and associated with a social networking platform;</p> <p>electronically receive a first request for matching, the first request electronically submitted by a first user using a first electronic device;</p> <p>determine a set of potential matches from the plurality of user online-dating profiles for the first user in response to receiving the first request;</p> <p>cause the display of a graphical representation of a first potential match of the set of potential matches to the first user on a graphical user interface of</p>	<p>when executed by a processor, are configured to: electronically receive a plurality of user online dating profiles, each profile comprising traits of a respective user;</p> <p>electronically receive a first request for matching, the first request electronically submitted by a first user using a first electronic device;</p> <p>determine from the plurality of user online-dating profiles a set of potential matches for the first user;</p> <p>cause the display of a graphical</p>
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<p>the first electronic device, the first potential match corresponding to a</p> <p>second user; determine that the first user expressed</p> <p>a positive preference indication regarding the first potential match at least by determining that the first user performed a first swiping gesture associated with the graphical representation of the first potential match on the graphical user interface;</p> <p>in response to the determination that the first user expressed the positive preference indication regarding <i>the first potential match</i>, automatically</p> <p>cause the graphical user interface to display a graphical representation of a</p>	<p>representation of a first potential match of the set of potential matches to</p> <p>the first user on a graphical user interface of</p> <p>the first electronic device, the first potential match corresponding to a second user;</p> <p>receive from the first electronic device of the first user a first positive preference indication associated with the graphical representation of the second user on the graphical user interface, the first positive preference indication associated with a first gesture performed on the graphical user interface;</p> <p>cause the graphical user interface to display a graphical representation of a</p>
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<p>second potential match of the set of potential matches instead of the graphical representation of the first potential match; determine that the second user has expressed a positive preference indication regarding the first user after</p> <p>determining that the first user expressed the positive preference indication regarding the first potential match; determine to enable communication between the first user and the second user in response to the determination that both the first user has expressed the positive preference indication regarding the second user and</p> <p>the second user has expressed the positive preference indication regarding the first user;</p> <p>in response to the determination to enable communication between the first user and the second user, cause the graphical user interface to display to the first user both the graphical representation of the first potential</p>	<p>second potential match of the set of potential matches instead of the graphical representation of <i>the first potential match</i>; receive from a second electronic device of the second user a positive preference indication regarding the first user;</p> <p>determine to allow the first user to communicate with the second user in response to receiving from the first electronic device of the first user the first positive preference indication regarding the second user and receiving from the second electronic device of the second user</p> <p>the positive preference indication regarding the first user;</p> <p>receive from the first electronic device of the</p>
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<p>match; determine that the first user expressed a negative preference indication regarding a second potential match of the set of potential matches at least by determining that the first user performed a second swiping gesture associated with a graphical representation of the second potential match on the graphical user interface, the second swiping gesture different than the first swiping gesture, the second potential match corresponding to a third user; determine to</p> <p><i>prevent communication between the first user and the third user</i> in response to determining that both the first user has expressed the positive preference indication regarding the second user and the second user has expressed the positive preference indication regarding the first user; determine that the first user expressed a positive preference indication regarding a third potential match of the set of potential matches at least by determining that the first</p>	<p>first user</p> <p>a first negative preference indication associated with a</p> <p>graphical representation of a third potential match on the graphical user interface, the first negative preference indication associated with a second gesture performed on the graphical user interface, the third potential match corresponding to a third user;</p> <p><i>without allowing communication between the first user and the third user</i>, receive from the first electronic device of the first user a second positive preference indication associated with a graphical representation of a fourth potential match on the graphical user interface, the second positive preference indication associated with the first gesture performed on the graphical user interface, the fourth potential match corresponding to a fourth</p>
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<p>user performed the first swiping gesture associated with a graphical representation of the third potential match on the graphical user interface, the third potential match corresponding to a fourth user; and determine to <i>prevent</i> communication between the first user and the fourth user in response to determining that the fourth user has expressed a negative preference indication regarding the first user.</p> <p>.</p>	<p>user;</p> <p>receive from a third electronic device of the fourth user a second negative preference indication associated with a graphical representation of the first user; and</p> <p><i>without allowing communication between the first user and the fourth user</i>, receive from the first electronic device of the first user a third positive preference indication associated with a graphical representation of a fifth potential match on the graphical user interface, the third positive preference indication associated with the first gesture performed on the graphical user interface, the fifth potential match corresponding to a fifth user.</p>
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Claim Rejections - 35 USC § 101

6. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new

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and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Claims 1-24 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter.

In claims 1-24 are rejected under 35 U.S.C 101 because the claimed invention is directed to a judicial exception (i.e., a law of nature, a natural phenomenon, or an abstract idea) without significantly more. Claims 1-24 are directed to the abstract idea of storing electronic objects being associated with metadata having properties, as explained in detail below. The claims do not include additional elements that are sufficient to amount to significantly more than the judicial exception because the additional computer elements, which are recited at a high level of generality, provide conventional computer software functions that do not add meaningful limits to practicing the abstract idea.

Claim 1, recites, in part, an article of manufacture for matching user profiles including receiving user online dating profiles, each profile comprising traits of a respective user [e.g. collecting information]; receiving a first request for matching from a first user [e.g. collecting and analyzing information]; determining a set of potential matches for the first user [e.g. analyzing information]; receiving a first positive preference indication associated with the graphical representation of the second user on the graphical user interface [e.g. analyzing received information] ; cause the graphical interface to display a second potential match of the set of potential matches instead of the first potential match [e.g. displaying results of the collection and analysis]. These steps describe for matching user profiles are correspond to concepts identified as abstract ideas by the courts, e.g., **collecting information, analyzing it and displaying certain results of the collection and analysis** in *Electric Power Group*. Claim 1 also recites additional limitations receiving from a second electronic device of the second user a positive preference indication regarding the first user from a second user and allowing the first user to

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communicate with the second user in response to the first positive preference indication regarding the second user and receiving the second user the positive preference indication regarding the first user [e.g. generating communication **based on** both parties indicated positive preferences (**rules**)]; receiving a first negative preference associated with a graphical user interface, the first negative preference indication associated with a third user ; without allowing communication between the first and the third user when either the first user or the third user indicates a negative preference indication [e.g. generating prevent communication process **based on** one of the party indicated a negative preference (**rules**)]; receiving from a third electronic device of the fourth user a second negative preference indication associated with a graphical representation of the first user; without allowing communication between the first user and the fourth user when either the first user or the fourth user indicates a negative preference indication [e.g. generating prevent communication process **based on** one of the party indicated a negative preference indication (**rules**)]. These steps describe allowing or preventing user communication based on user's negative or positive preference indication are corresponding to concepts identified as abstract ideas by the courts, e.g., Generating tasks [based on] rules ... to be completed upon the occurrence of an event in Accenture. The additional limitations do not appear to be improvement in another technology. In addition, the recited limitations "receiving", "determining" "displaying", "updating", "allowing" and "without allowing" are recited at a higher level of generality and are recited as performing generic computer function routinely used in computer search engine applications. Generic computer component recited as performing generic computer functions are amount to no more than impending the abstract idea with a computerized system. The use of generic computer components to allowing or disallowing communication based on the rules designed for the system does not impose any meaningful limit on the computer implementation of the abstract idea. Thus, taken alone, the additional elements do not amount to significantly more than the above-identified judicial exception (the abstract idea). Looking at the limitation as an ordered combination adds nothing that is not

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already present when looking at the elements taken individually. There is no indication that the combination of elements improves the functioning of a computer or improves any other technology. Their collective functions merely provide conventional computer implementation. The dependent claims 2-6 are also rejected further define the communication platform is a social networking platform, the received gesture type and the notification message presenting an option for the user to communicate are corresponds to abstract idea, e.g., **collecting information, analyzing it and displaying certain results of the collection and analysis** in *Electric Power Group* which is directed to abstract idea. Therefore, claims 1-6 are not patent eligible.

Claim 7, recites, in part, a system for matching user profiles including receiving user online dating profiles, each profile comprising traits of a respective user [e.g. collecting information]; receiving a first request for matching from a first user [e.g. collecting and analyzing information]; determining a set of potential matches for the first user [e.g. analyzing information]; receiving a first positive preference indication associated with the graphical representation of the second user on the graphical user interface [e.g. analyzing received information] ; cause the graphical interface to display a second potential match of the set of potential matches instead of the first potential match [e.g. displaying results of the collection and analysis]. These steps describe for matching user profiles are correspond to concepts identified as abstract ideas by the courts, e.g., **collecting information, analyzing it and displaying certain results of the collection and analysis** in *Electric Power Group*. Claim 7 also recites additional limitations receiving from a second electronic device of the second user a positive preference indication regarding the first user from a second user and allowing the first user to communicate with the second user in response to the first positive preference indication regarding the second user and receiving the second user the positive preference indication regarding the first user [e.g. generating communication **based on** both parties indicated positive preferences (**rules**)]; receiving a first negative preference associated with a graphical user

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interface, the first negative preference indication associated with a third user ; without allowing communication between the first and the third user when either the first user or the third user indicates a negative preference indication [e.g. generating prevent communication process **based on** one of the party indicated a negative preference (**rules**)]; receiving from a third electronic device of the fourth user a second negative preference indication associated with a graphical representation of the first user; without allowing communication between the first user and the fourth user when either the first user or the fourth user indicates a negative preference indication [e.g. generating prevent communication process **based on** one of the party indicated a negative preference indication (**rules**)]. These steps describe allowing or preventing user communication based on user's negative or positive preference indication are corresponding to concepts identified as abstract ideas by the courts, e.g., Generating tasks [based on] rules ... to be completed upon the occurrence of an event in Accenture. The additional limitations do not appear to be improvement in another technology. In addition, the recited limitations "receiving", "determining" "displaying", "updating", "allowing" and "without allowing" are recited at a higher level of generality and are recited as performing generic computer function routinely used in computer search engine applications. Generic computer component recited as performing generic computer functions are amount to no more than impending the abstract idea with a computerized system. The use of generic computer components to allowing or disallowing communication based on the rules designed for the system does not impose any meaningful limit on the computer implementation of the abstract idea. Thus, taken alone, the additional elements do not amount to significantly more than the above-identified judicial exception (the abstract idea). Looking at the limitation as an ordered combination adds nothing that is not already present when looking at the elements taken individually. There is no indication that the combination of elements improves the functioning of a computer or improves any other technology. Their collective functions merely provide conventional computer implementation. The dependent claims 8-12 are also rejected further define the communication platform is a

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social networking platform, the received gesture type and the notification message presenting an option for the user to communicate are corresponds to abstract idea, e.g., **collecting information, analyzing it and displaying certain results of the collection and analysis** in *Electric Power Group* which is directed to abstract idea. Therefore, claims 7-12 are not patent eligible.

Claim 13, recites, in part, a method for matching user profiles including receiving user online dating profiles, each profile comprising traits of a respective user [e.g. collecting information]; receiving a first request for matching from a first user [e.g. collecting and analyzing information]; determining a set of potential matches for the first user [e.g. analyzing information]; receiving a first positive preference indication associated with the graphical representation of the second user on the graphical user interface [e.g. analyzing received information] ; cause the graphical interface to display a second potential match of the set of potential matches instead of the first potential match [e.g. displaying results of the collection and analysis]. These steps describe for matching user profiles are correspond to concepts identified as abstract ideas by the courts, e.g., **collecting information, analyzing it and displaying certain results of the collection and analysis** in *Electric Power Group*. Claim 13 also recites additional limitations receiving from a second electronic device of the second user a positive preference indication regarding the first user from a second user and allowing the first user to communicate with the second user in response to the first positive preference indication regarding the second user and receiving the second user the positive preference indication regarding the first user [e.g. generating communication **based on** both parties indicated positive preferences (**rules**)]; receiving a first negative preference associated with a graphical user interface, the first negative preference indication associated with a third user ; without allowing communication between the first and the third user when either the first user or the third user indicates a negative preference indication [e.g. generating prevent communication process **based on** one of the party indicated a negative preference (**rules**)]; receiving from a third

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electronic device of the fourth user a second negative preference indication associated with a graphical representation of the first user; without allowing communication between the first user and the fourth user when either the first user or the fourth user indicates a negative preference indication [e.g. generating prevent communication process **based on** one of the party indicated a negative preference indication (**rules**)]. These steps describe allowing or preventing user communication based on user's negative or positive preference indication are corresponding to concepts identified as abstract ideas by the courts, e.g., Generating tasks [based on] rules ... to be completed upon the occurrence of an event in Accenture. The additional limitations do not appear to be improvement in another technology. In addition, the recited limitations "receiving", "determining" "displaying", "updating", "allowing" and "without allowing" are recited at a higher level of generality and are recited as performing generic computer function routinely used in computer search engine applications. Generic computer component recited as performing generic computer functions are amount to no more than impending the abstract idea with a computerized system. The use of generic computer components to allowing or disallowing communication based on the rules designed for the system does not impose any meaningful limit on the computer implementation of the abstract idea. Thus, taken alone, the additional elements do not amount to significantly more than the above-identified judicial exception (the abstract idea). Looking at the limitation as an ordered combination adds nothing that is not already present when looking at the elements taken individually. There is no indication that the combination of elements improves the functioning of a computer or improves any other technology. Their collective functions merely provide conventional computer implementation. The dependent claims 14-18 are also rejected further define the communication platform is a social networking platform, the received gesture type and the notification message presenting an option for the user to communicate are corresponds to abstract idea, e.g., **collecting information, analyzing it and displaying certain results of the collection and analysis in**

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Electric Power Group which is directed to abstract idea. Therefore, claims 13-18 are not patent eligible.

Claim 19, recites, in part, a system for matching user profiles including receiving user online dating profiles, each profile comprising traits of a respective user [e.g. collecting information]; receiving a first request for matching from a first user [e.g. collecting and analyzing information]; determining a set of potential matches for the first user [e.g. analyzing information]; receiving a first positive preference indication associated with the graphical representation of the second user on the graphical user interface [e.g. analyzing received information] ; cause the graphical interface to display a second potential match of the set of potential matches instead of the first potential match [e.g. displaying results of the collection and analysis]. These steps describe for matching user profiles are correspond to concepts identified as abstract ideas by the courts, e.g., **collecting information, analyzing it and displaying certain results of the collection and analysis** in *Electric Power Group*. Claim 7 also recites additional limitations receiving from a second electronic device of the second user a positive preference indication regarding the first user from a second user and allowing the first user to communicate with the second user in response to the first positive preference indication regarding the second user and receiving the second user the positive preference indication regarding the first user [e.g. generating communication **based on** both parties indicated positive preferences (**rules**)]; receiving a first negative preference associated with a graphical user interface, the first negative preference indication associated with a third user ; without allowing communication between the first and the third user when either the first user or the third user indicates a negative preference indication [e.g. generating prevent communication process **based on** one of the party indicated a negative preference (**rules**)]; receiving from a third electronic device of the fourth user a second negative preference indication associated with a graphical representation of the first user; without allowing communication between the first user and the fourth user when either the first user or the fourth user indicates a negative preference

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indication [e.g. generating prevent communication process **based on** one of the party indicated a negative preference indication (**rules**)]. These steps describe allowing or preventing user communication based on user's negative or positive preference indication are corresponding to concepts identified as abstract ideas by the courts, e.g., Generating tasks [based on] rules ... to be completed upon the occurrence of an event in Accenture. The additional limitations do not appear to be improvement in another technology. In addition, the recited limitations "receiving", "determining" "displaying", "updating", "allowing" and "without allowing" are recited at a higher level of generality and are recited as performing generic computer function routinely used in computer search engine applications. Generic computer component recited as performing generic computer functions are amount to no more than impeding the abstract idea with a computerized system. The use of generic computer components to allowing or disallowing communication based on the rules designed for the system does not impose any meaningful limit on the computer implementation of the abstract idea. Thus, taken alone, the additional elements do not amount to significantly more than the above-identified judicial exception (the abstract idea). Looking at the limitation as an ordered combination adds nothing that is not already present when looking at the elements taken individually. There is no indication that the combination of elements improves the functioning of a computer or improves any other technology. Their collective functions merely provide conventional computer implementation. The dependent claims 20-24 are also rejected further define the communication platform is a social networking platform, the received gesture type and the notification message presenting an option for the user to communicate are corresponds to abstract idea, e.g., **collecting information, analyzing it and displaying certain results of the collection and analysis** in *Electric Power Group* which is directed to abstract idea. Therefore, claims 19-24 are not patent eligible.

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Referring to claims 1 and 7, Moldavsky discloses a non-transitory computer-readable medium comprising instructions that, when executed by a processor, are configured to:

electronically receive a plurality of user online dating profiles (***See para. [0008] and [0040], receiving a list of pre-qualifying match based on user's dating preferences***) each profile comprising traits of a respective user (***See Figures 5 and 7, para. [0118], each matched profile including name, category from which the match was selected, photo and etc.***);

electronically receive a first request for matching, the first request electronically submitted by a first user using a first electronic device (***See para. [0116], a first user submit a search criteria to look for a match***);

determine from the plurality of user online-dating profiles a set of potential matches for the first user (***See para. [0118] and Figure 7, the system determines a list of matches based on search criteria chosen by the first user***);

cause the display of a graphical representation of a first potential match of the set of potential matches to the first user on a graphical user interface of the first electronic device, the first potential match corresponding to a second user (***See Figure 7, para. [0151] displaying a first match in the list on the screen shown in Figure 7, the first match is corresponding to a second user***);

receive from the first electronic device of the first user a first positive preference indication associated with the graphical representation of the second user on the graphical user interface, the first positive preference indication associated with a first gesture performed on the graphical user interface (***See para. [0154], if the first user is interested in the first match, first user taps gesture "save and connect" [e.g. positive preference] associated with the first match***);

cause the graphical user interface to display a graphical representation of a second potential match of the set of potential matches instead of the graphical representation of the first potential match (***See para. [0154] and Figure 7, moving the first match into a “saved matched” directory and when user go back to the original search list, a second match in the list is displayed, the first match has been moved to “saved matched”***); [...]

receive from the first electronic device of the first user a first negative preference indication associated with a graphical representation of a third potential match on the graphical user interface (***See para. [0119] and Figure 8, receiving a first negative preference “Dismiss Match” from the first user on a third match on the list***), the first negative preference indication associated with a second gesture performed on the graphical user interface, the third potential match corresponding to a third user (***See para. [0119] and Figure 8, the second gesture is tap on “Dismiss Match” associated with the third match***);

[...] receive from the first electronic device of the first user a second positive preference indication associated with a graphical representation of a fourth potential match on the graphical user interface (***See para. [0154], if the first user is interested in the fourth match, first user taps gesture “save and connect” [e.g. positive preference] associated with the fourth match***), the second positive preference indication associated with the first gesture performed on the graphical user interface, the fourth potential match corresponding to a fourth user (***See para. [0154], first user taps gesture “save and connect” [e.g. positive preference] associated with the fourth match***);

receive from a third electronic device of the fourth user a second negative preference indication associated with a graphical representation of the first user (***See para. [0119] and Figures 8 and 28, receiving a second negative preference “Dismiss Match” from another device regarding on a first user on the list***); and

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[...] receive from the first electronic device of the first user a third positive preference indication associated with a graphical representation of a fifth potential match on the graphical user interface (**See para. [0154], if the first user is interested in the fifth match, first user taps gesture “save and connect” [e.g. positive preference] associated with the fifth match**), the third positive preference indication associated with the first gesture performed on the graphical user interface, the fifth potential match corresponding to a fifth user (**See para. [0154], first user taps gesture “save and connect” [e.g. positive preference] associated with the fifth match**).

Moldavsky discloses receiving a positive preference indication and a negative preference indications on a potential match from one or more client devices but does not explicitly disclose allow or disallow communication based on the received preference indications.

However, Hymes discloses receive from a second electronic device of the second user a positive preference indication regarding the first user, determine to allow the first user to communicate with the second user in response to receiving from the first electronic device of the first user the first positive preference indication regarding the second user and receiving from the second electronic device of the second user the positive preference indication regarding the first user (**See Figure 5 and para. [0073]-para. [0086], receiving expressed interest message from a second user and determine to allow or facilitate communication with the second user in response to first personal also expressed interest in communicate with the second user, note the system allows to communicate only when both parties have expressed interest to communicate**); without allowing communication between the first user and the third user when either of the first user or the third user does not provide positive preference indication and without allowing communication between the first user and the fourth user when either of the first user or the third user does not provide positive

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preference indication (***See Figure 5 and para. [0073]-para. [0086], receiving expressed interest message from a first user and determine to withhold communication with the third or fourth user in response to the third person or fourth person does not expressed interest in communicate with the first user, note the system allows to communicate only when both parties have expressed interest to communicate).***

Hence, it would have been obvious to one having ordinary skill in the art at the time of invention was made to modify the matching profile system of Moldavsky to include allow or disallow communication based on the received preference indications, in order to facilitate developing relationship with people that one is interested in (***See, Hymes, para. [0008]***).

As to claims 2, 8, 14 and 20, Moldavsky discloses wherein at least one or more of the plurality of user on-line dating profiles is associated with a social networking platform (***See para. [0003] and para. [0005], para. [0039] and para. [0114], the Connect Quest application is a social networking system including dating and friendship).***

As to claims 5, 11, 17 and 23, Moldavsky discloses in response to determining to allow the first user to communicate with the second user, cause the display of a graphical notification on the graphical user interface of the first electronic device of the first user, the graphical notification indicating that a match exists between the first user and the second user and presenting an option for the first user to communicate with the second user (***See para. [0120]-para. [0122], the user can communicate with other using group chat, private chat or public chat after indicating the second user is a match as showed in Figure 7).***

As to claims 6, 12, 18 and 24, Moldavsky discloses in response to determining to allow the first user to communicate with the second user.

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cause the display of a graphical notification on the graphical user interface of the first electronic device of the first user, the graphical notification indicating that a match exists between the first user and the second user and presenting an option for the first user to communicate with the second user (***See para. [0120]-para. [0122], the user can communicate with other using group chat, private chat or public chat after indicating the second user is a match as showed in Figure 7.***

Referring to claims 13 and 19, Moldavsky discloses a computer implemented method of profile matching (***See para. [0008] and [0040], providing a list of pre-qualifying match based on user's dating preferences***), comprising:

electronically transmitting from a first electronic device of a first user a first request for matching (***See para. [0116], a first user submit a search criteria to look for a match***);

causing the display of a graphical representation of a first potential match of a set of potential matches to the first user on a graphical user interface of the first electronic device, the first potential match corresponding to a second user (***See Figure 7, para. [0151] displaying a first match in the list on the screen shown in Figure 7, the first match is corresponding to a second user***); wherein the set of potential matches for the first user are determined from a plurality of user online-dating profiles in response to the first request for matching (***See para. [0118] and Figure 7, the system determines a list of matches based on search criteria chosen by the first user***); wherein the plurality of user online-dating profiles each comprises traits of a respective user (***See Figures 5 and 7, para. [0118], each matched profile including name, category from which the match was selected, photo and etc.***);

transmitting from the first electronic device of the first user a first positive preference indication associated with the graphical representation of the second user on the graphical user interface, the first positive preference indication associated with a first gesture performed on the graphical user interface (***See para. [0154], if the first user is interested in the first match,***

first user taps gesture “save and connect” [e.g. positive preference] associated with the first match);

causing the display on the graphical user interface of a graphical representation of a second potential match of the set of potential matches instead of the graphical representation of the first potential match (***See para. [0154] and Figure 7, moving the first match into a “saved matched” directory and when user go back to the original search list, a second match in the list is displayed, the first match has been moved to “saved matched”***); [...]

transmitting from the first electronic device of the first user a first negative preference indication associated with a graphical representation of a third potential match on the graphical user interface (***See para. [0119] and Figure 8, receiving a first negative preference “Dismiss Match” from the first user on a third match on the list***), the first negative preference indication associated with a second gesture performed on the graphical user interface, the third potential match corresponding to a third user(***See para. [0119] and Figure 8, the second gesture is tap on “Dismiss Match” associated with the third match***);

[...] transmitting from the first electronic device of the first user a second positive preference indication associated with a graphical representation of a fourth potential match on the graphical user interface (***See para. [0154], if the first user is interested in the fourth match, first user taps gesture “save and connect” [e.g. positive preference] associated with the fourth match***), the second positive preference indication associated with the first gesture performed on the graphical user interface (***See para. [0154], first user taps gesture “save and connect” [e.g. positive preference] associated with the fourth match***), wherein the fourth potential match corresponding to a fourth user; wherein there is a fourth user expression of a negative preference for the first user (***See para. [0119] and Figures 8 and 28, receiving a second negative preference “Dismiss Match” from another device regarding on a first user on the list***); and

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[...] transmitting from the first electronic device of the first user a third positive preference indication associated with a graphical representation of a fifth potential match on the graphical user interface (**See para. [0154], if the first user is interested in the fifth match, first user taps gesture “save and connect” [e.g. positive preference] associated with the fifth match**), the third positive preference indication associated with the first gesture performed on the graphical user interface, the fifth potential match corresponding to a fifth user (**See para. [0154], first user taps gesture “save and connect” [e.g. positive preference] associated with the fifth match**).

Moldavsky discloses receiving a positive preference indication and a negative preference indications on a potential match from one or more client devices but does not explicitly disclose allow or disallow communication based on the received preference indications.

However, Hymes discloses receive from a second electronic device of the second user a positive preference indication regarding the first user, determine to allow the first user to communicate with the second user in response to receiving from the first electronic device of the first user the first positive preference indication regarding the second user and receiving from the second electronic device of the second user the positive preference indication regarding the first user (**See Figure 5 and para. [0073]-para. [0086], receiving expressed interest message from a second user and determine to allow or facilitate communication with the second user in response to first personal also expressed interest in communicate with the second user, note the system allows to communicate only when both parties have expressed interest to communicate**); without allowing communication between the first user and the third user when either of the first user or the third user does not provide positive preference indication and without allowing communication between the first user and the fourth user when either of the first user or the third user does not provide positive preference indication (**See Figure 5 and para. [0073]-para. [0086], receiving expressed**

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interest message from a first user and determine to withhold communication with the third or fourth user in response to the third person or fourth person does not expressed interest in communicate with the first user, note the system allows to communicate only when both parties have expressed interest to communicate).

Hence, it would have been obvious to one having ordinary skill in the art at the time of invention was made to modify the matching profile system of Moldavsky to include allow or disallow communication based on the received preference indications, in order to facilitate developing relationship with people that one is interested in (***See, Hymes, para. [0008]***).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to YUK TING CHOI whose telephone number is (571)270-1637. The examiner can normally be reached on Monday-Friday 9am-6pm.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather Herndon can be reached on 5712724136. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private

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PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

YUK TING CHOI
Examiner
Art Unit 2153

/YUK TING CHOI/
Primary Examiner, Art Unit 2153

Notice of References Cited	Application/Control No. 15/944,542	Applicant(s)/Patent Under Reexamination Rad et al.	
	Examiner YUK TING CHOI	Art Unit 2153	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-20080051033-A1	02-2008	Hymes; Charles Martin	G06F17/30247	455/47
*	B	US-20080196094-A1	08-2008	Benschop; Dirk Leonard	G06Q20/10	726/5
*	C	US-20120088524-A1	04-2012	Moldavsky; David	G06Q30/02	455/456.3
	D					
	E					
	F					
	G					
	H					
	I					
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	K					
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FOREIGN PATENT DOCUMENTS


*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)

Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

<i>Search Notes</i> 	Application/Control No. 15/944,542	Applicant(s)/Patent Under Reexamination Rad et al.
	Examiner YUK TING CHOI	Art Unit 2153

CPC - Searched*		
Symbol	Date	Examiner
G06F17/30867 OR G06F17/3053 OR G06F17/30386	08/02/2018	

CPC Combination Sets - Searched*		
Symbol	Date	Examiner


US Classification - Searched*			
Class	Subclass	Date	Examiner

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	Date	Examiner
G06F17/30867 OR G06F17/3053 OR G06F17/30386 and East Text search	08/02/2018	
East Text Search	08/02/2018	
Inventor and Assignee search	08/02/2018	
Double Patenting search	08/02/2018	
NPL google search	08/02/2018	
IDS search	08/02/2018	

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner

/YUK TING CHOI/ Primary Examiner, Art Unit 2153	
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<i>Index of Claims</i> 	Application/Control No. 15/944,542	Applicant(s)/Patent Under Reexamination Rad et al.
	Examiner YUK TING CHOI	Art Unit 2153

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

CLAIMS										
<input type="checkbox"/> Claims renumbered in the same order as presented by applicant <input type="checkbox"/> CPA <input type="checkbox"/> T.D. <input type="checkbox"/> R.1.47										
CLAIM		DATE								
Final	Original	08/02/2018								
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	20	✓								
	21	✓								
	22	✓								
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	24	✓								

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number: 15/944,542 -- GAU: 2153	First Named Inventor: Sean Rad et al.
	Attorney Docket No: 083523.0121	Filing Date:

ISSUED U.S. PATENTS AND PUBLISHED U.S. APPLICATIONS

Examiner Initials*	Document Number	Publication or Issue Date	First Named Inventor
	6,480,885	11/12/2002	Olivier
	2005/0021750	01/27/2005	Abrams
	2005/0027707	02/03/2005	Syed
	2006/0059147	03/16/2006	Weiss et al.
	2006/0085419	04/20/2006	Rosen
	2006/0106780	05/18/2006	Dagan
	2007/0073687	03/29/2007	Terrill et al.
	2007/0073803	03/29/2007	Terrill et al.
	2008/0196094	08/14/2008	Benschop
	2008/0294624	11/27/2008	Kanigsberg et al.
	2008/0301118	12/04/2008	Chien et al.
	2009/0106040	04/23/2009	Jones
	2010/0125632	05/20/2010	Leonard
	7,917,448	03/29/2011	Smola et al.
	2011/0087974	04/14/2011	Kulas
	2011/0196927	08/11/2011	Vance
	8,060,463	11/15/2011	Spiegel
	2012/0088524	04/12/2012	Moldavsky
	8,180,804	05/15/2012	Narayanan et al.
	8,566,327	10/22/2013	Carrico et al.
	2014/0040368	02/06/2014	Janssens
	2014/0074824	03/13/2014	Rad

NON-PATENT LITERATURE (NPL)

Examiner Initials*	DOCUMENT (Including Author (if any), Title, and Source)	DATE
	PCT Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration with attached PCT International Search Report and Written Opinion of the International Searching Authority in International Application No. PCT/US08/87706, dated February 10, 2009, 8 pages.	February 10, 2009

Active 37710608.1

EXAMINER

/YUK TING CHOI/

DATE CONSIDERED

07/25/2018

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

**The date identified by the applicant for any NPL herein shall not be construed to be an admission that it is or is considered to be prior art under 35 U.S.C. §§ 102-103.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number:	First Named Inventor: Sean Rad et al.
	Attorney Docket No: 083523.0121	Filing Date:

ISSUED U.S. PATENTS AND PUBLISHED U.S. APPLICATIONS

Examiner Initials*	Document Number	Publication or Issue Date	First Named Inventor

NON-PATENT LITERATURE (NPL)

Examiner Initials*	DOCUMENT (Including Author (if any), Title, and Source)	DATE
	USPTO, Non-final Office Action dated 08/25/2011 for Application Serial No. 12/339,301, filed December 19, 2008 in the name of Todd M. Carrico, 14 pages.	08/25/2011
	Response to Office Action Pursuant to 37 C.F.R. § 1.111 filed 11/23/2011 for Application Serial No. 12/339,301, filed December 19, 2008 in the name of Todd M. Carrico, 12 pages.	11/23/2011
	USPTO, Final Office Action dated 01/06/2012 for Application Serial No. 12/339,301, filed December 19, 2008 in the name of Todd M. Carrico, 15 pages.	01/06/2012
	Request for Continued Examination Transmittal and Amendment Filed with Request for Continued Examination filed 5/7/2012 for Application Serial No. 12/339,301, filed December 19, 2008 in the name of Todd M. Carrico, 17 pages.	05/07/2012
	USPTO, Non-final Office Action dated 10/02/2012 for Application Serial No. 12/339,301, filed December 19, 2008 in the name of Todd M. Carrico, 10 pages.	10/02/2012
	Response to Office Action Pursuant to 37 C.F.R. § 1.111 filed 12/31/2012 for Application Serial No. 12/339,301, filed December 19, 2008 in the name of Todd M. Carrico, 13 pages.	12/31/2012
	USPTO, Final Office Action dated 03/07/2013 for Application Serial No. 12/339,301, filed December 19, 2008 in the name of Todd M. Carrico, 12 pages.	03/07/2013
	Response to Office Action Pursuant to 37 C.F.R. § 1.116 and Certification and Request for Consideration Under the After Final Consideration Pilot Program 2.0 filed 06/06/2013 for Application Serial No. 12/339,301, filed December 19, 2008 in the name of Todd M. Carrico, 14 pages.	06/06/2013
	USPTO, Notice of Allowance and Fees Due dated 06/19/2013 for Application Serial No. 12/339,301, filed December 19, 2008 in the name of Todd M. Carrico, 12 pages.	06/19/2013

Active 37710608.1 EXAMINER /YUK TING CHOI/	DATE CONSIDERED 07/25/2018
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EAST Search History**EAST Search History (Prior Art)**

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S261	1	"15676773"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/08/02 12:12
S257	8	"9733811"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/07/25 14:35
S256	5	"14059192"	US-PGPUB; USPAT; USOCR; FPRS;	OR	OFF	2018/07/25 14:34

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S253	14	S224 AND ((G06Q50/01 OR H04L67/306 OR H04L51/32 OR G06F17/30867).CPC.)	US-PGPUB	OR	OFF	2018/07/25 13:56
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S249	73	(match\$3) near10 (profil\$3) and (click\$3 select\$3 swip\$3) near10 (like\$3 love\$3 interest\$3) near10 (profile\$3) and (initat\$3 start\$3 creat\$3 generat\$3) near10 (communication contact\$3 messag\$3 chat\$3) near20 (like\$3 love\$3 interest\$3) and (disable\$3 disallow\$3 prevent\$3 prohibit\$3) near10 (communication contact message\$3 chat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/07/25 13:42
S248	44	(match\$3) near10 (profil\$3) and (click\$3 select\$3 swip\$3) near10 (like\$3 love\$3 interest\$3) near10 (profile\$3) and (initat\$3 start\$3 creat\$3 generat\$3) near10 (communication contact\$3 messag\$3 chat\$3) near20 (like\$3 love\$3 interest\$3) and (disable\$3 disallow\$3 prevent\$3 prohibit\$3) near10 (communication contact message\$3 chat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/07/25 13:42
S247	44	(match\$3) near10 (profil\$3) and (click\$3 select\$3 swip\$3) near10 (like\$3 love\$3 interest\$3) near10 (profile\$3) and (initat\$3 start\$3 creat\$3 generat\$3) near10 (communication contact\$3 messag\$3 chat\$3) near20 (like\$3 loce\$3 interest\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	OFF	2018/07/25 13:42

		and (disable\$3 disallow\$3 prevent\$3 prohibit\$3) near10 (communication contact message\$3 chat\$3)	IBM_TDB			
S246	56	(match\$3) near10 (profil\$3) and (click\$3 select\$3 swip\$3) near10 (like\$3 love\$3 interest\$3) and (next second) near10 (profile\$3) and (initat\$3 start\$3 creat\$3 generat\$3) near10 (communication contact\$3 messag\$3 chat\$3) near20 (like\$3 loce\$3 interest\$3) and (disable\$3 disallow\$3 prevent\$3 prohibit\$3) near10 (communication contact message\$3 chat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/07/25 13:36
S245	702	(match\$3) near10 (profil\$3) and (click\$3 select\$3 swip\$3) near10 (like\$3 love\$3 interest\$3) and (next second) near10 (profile\$3) and (initat\$3 start\$3 creat\$3 generat\$3) near10 (communication contact\$3 messag\$3 chat\$3) near20 (like\$3 loce\$3 interest\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/07/25 13:34
S244	113	(user\$3) near20 (message communicat\$3 chat) near20 (user\$3) near20 (mutual both) near20 (interest\$3 like\$3 thumb\$3 agree\$3) and match\$3 near10 (user\$3 profil\$3) and (initiat\$3 start\$3 allow\$3) near10 (message communicat\$3 chat\$3 voice\$3 email\$3) near20 (mutual both)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/07/25 12:34
S243	397	(user\$3) near20 (message communicat\$3 chat) near20 (user\$3) near20 (both near20 (interest\$3 like\$3 thumb\$3 agree\$3)) and match\$3 near10 (user\$3 profil\$3) and (social dating single\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/07/25 12:11
S242	437	(user\$3) near20 (message communicat\$3 chat) near20 (user\$3) near20 (both near20 (interest\$3 like\$3 thumb\$3 agree\$3)) and match\$3 near10 (user\$3 profil\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/07/25 12:10
S240	11	(match\$3 recommend\$3 suggest\$3) near10 (profil\$3 user\$3) and (match\$3 recommend\$3 suggest\$3 display\$3 provid\$3) near10 (user profil\$3) and (positive negative like\$3 dislike\$3 love\$3 thumb) and (allow\$3 enable\$3 start\$3 initial\$3 provid\$3) near10 (communication messag\$3 chat\$3) near10 both near10 (consent\$3 interest\$3 agree\$3 like\$3 love\$3 thumb\$3 positive heart\$3) and (singles dating social) and match\$3 near20 (profil\$3) and (present\$3 display\$3) near10 (match\$3) near10 (user\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/07/25 12:05
S239	1	"20050027707" and initial near5 communicat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/07/25 12:01

S238	2	"20050027707" and communicat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/07/25 12:00
S237	5	"10896578"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/07/25 12:00
S234	235	(match\$3 recommend\$3 suggest\$3) near10 (profil\$3 user\$3) and (match\$3 recommend\$3 suggest\$3 display\$3 provid\$3) near10 (user profil\$3) and (positive negative like\$3 dislike\$3 love\$3 thumb) and (allow\$3 enable\$3 start\$3 initial\$3 provid\$3) near10 (communication messag\$3 chat\$3) near20 (consent\$3 agree\$3 like\$3 love\$3 thumb\$3 positive heart\$3) and (singles dating social) and match\$3 near20 (profil\$3) and (display\$3) near10 (match\$3) near10 (user\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/07/25 11:53
S230	104	(match\$3) near10 (profil\$3 user\$3) and (recommend\$3 suggest\$3 display\$3 provid\$3) near10 (user profil\$3) and (positive negative like\$3 dislike\$3 love\$3 thumb) and (allow\$3 enable\$3 start\$3 initial\$3 provid\$3) near10 (communication messag\$3 chat\$3) near20 (both) near20 (like\$3 love\$3 thumb\$3 positive heart\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/07/25 11:09
S229	5	"6480885".pn. " 7917448".pn. "8060463".pn. "8180804".pn. "8566327".pn.	USPAT	OR	OFF	2018/07/25 11:06
S225	30	"20050021750" "20050027707" "20060059147" "20060085419" "20060106780" "20070073687" "20070073803" "20080196094" "20080294624" "20080301118" "20090106040" "20100125632" "20110087974" "20110196927" "20120088524" "20140040368" "20140074824"	US-PGPUB; USPAT	OR	OFF	2018/07/25 11:04
S224	23	"20050021750" "20050027707" "20060059147" "20060085419" "20060106780" "20070073687" "20070073803" "20080196094" "20080294624" "20080301118" "20090106040" "20100125632" "20110087974" "20110196927" "20120088524" "20140040368" "20140074824"	US-PGPUB	OR	OFF	2018/07/25 11:04
S215	37	((sean near5 rad)(todd near5 carrico) (kenneth near5 hoskin) (james near5 stone) (jonathan near5 badeen)).in. and match\$3 near10 profil\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/07/25 10:53

S214	8	"9733811"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/07/25 10:49
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8/ 2/ 2018 10:39:36 PM
C:\ Users\ cchoi\ Documents\ EAST\ Workspaces\ 15944542_matching_process_system_method.wsp

Bibliographic Data

Application No: 15/944,542

Foreign Priority claimed: ☐ Yes ☒ No35 USC 119 (a-d) conditions met: ☐ Yes ☒ No ☐ Met After Allowance

Verified and Acknowledged: /YUK TING CHOI/

Examiner's Signature

Initials

Title: Matching Process System and Method

FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
04/03/2018	707	2153	083523.0121
RULE			

APPLICANTS

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INVENTORS

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Todd M. Carrico Sachse, TX, UNITED STATES

Kenneth B. Hoskins Plano, TX, UNITED STATES

James C. Stone Addison, TX, UNITED STATES

Jonathan Badeen North Hollywood, CA, UNITED STATES

CONTINUING DATA

This application is a CON of 15676773 08/14/2017

15676773 is a CON of 14059192 10/21/2013 PAT 9733811

14059192 has PRO of 61793866 03/15/2013

14059192 is a CIP of 12339301 12/19/2008 PAT 8566327

12339301 has PRO of 61015099 12/19/2007

FOREIGN APPLICATIONS**IF REQUIRED, FOREIGN LICENSE GRANTED****

04/27/2018

STATE OR COUNTRY

UNITED STATES

ADDRESS

BAKER BOTTS L.L.P.

2001 ROSS AVENUE

SUITE 900

DALLAS, TX 75201-2980

UNITED STATES

FILING FEE RECEIVED

\$6,720

Doc code: IDS

PTO/SB/08a (02-18)

Doc description: Information Disclosure Statement (IDS) Filed

Approved for use through 11/30/2020. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		15944542	
	Filing Date		2018-04-03	
	First Named Inventor	RAD		
	Art Unit	2153		
	Examiner Name	Yuk Ting Choi		
	Attorney Docket Number	083523.0121		

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	9547369		2017-01-17	WERNICK et al.	
	2	9720570		2017-08-01	WERNICK et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS						
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS								
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS								
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	15944542
Filing Date	2018-04-03
First Named Inventor	RAD
Art Unit	2153
Examiner Name	Yuk Ting Choi
Attorney Docket Number	083523.0121

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1		<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	15944542
Filing Date	2018-04-03
First Named Inventor	RAD
Art Unit	2153
Examiner Name	Yuk Ting Choi
Attorney Docket Number	083523.0121

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Chad C. Walters/	Date (YYYY-MM-DD)	2018-08-07
Name/Print	Chad C. Walters	Registration Number	48022

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
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3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt

EFS ID:	33392407
Application Number:	15944542
International Application Number:	
Confirmation Number:	3585
Title of Invention:	Matching Process System and Method
First Named Inventor/Applicant Name:	Sean Rad
Customer Number:	5073
Filer:	Chad Christian Walters/Wendy Flottman
Filer Authorized By:	Chad Christian Walters
Attorney Docket Number:	083523.0121
Receipt Date:	07-AUG-2018
Filing Date:	03-APR-2018
Time Stamp:	10:05:44
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Form (SB08)	IDS.pdf	1407504	no	4
			5a2402cdc2dc0502ca57f5d20d95985e60282030		

Warnings:

Information:

This is not an USPTO supplied IDS fillable form

Total Files Size (in bytes):

1407504

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



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United States Patent and Trademark Office
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 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/944,542	04/03/2018	Sean Rad	083523.0121	3585

5073	7590	07/12/2018	EXAMINER	
BAKER BOTTS L.L.P. 2001 ROSS AVENUE SUITE 900 DALLAS, TX 75201-2980				

ART UNIT	PAPER NUMBER
2153	

NOTIFICATION DATE	DELIVERY MODE
07/12/2018	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ptomail1@bakerbotts.com
 ptomail2@bakerbotts.com



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Commissioner for Patents
 United States Patent and Trademark Office
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 Alexandria, VA 22313-1450
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Doc Code:
 TRACK1.GRANT

**Decision Granting Request for
 Prioritized Examination
 (Track I or After RCE)**

Application No.:15/944,542

1. THE REQUEST FILED April 3, 2018 IS **GRANTED**.

The above-identified application has met the requirements for prioritized examination

- A. ☒ for an original nonprovisional application (Track I).
 B. ☐ for an application undergoing continued examination (RCE).

2. **The above-identified application will undergo prioritized examination.** The application will be accorded special status throughout its entire course of prosecution until one of the following occurs:

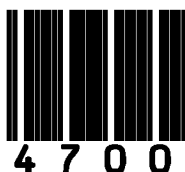
- A. filing a **petition for extension of time** to extend the time period for filing a reply;
 B. filing an **amendment to amend the application to contain more than four independent claims, more than thirty total claims**, or a multiple dependent claim;
 C. filing a **request for continued examination**;
 D. filing a notice of appeal;
 E. filing a request for suspension of action;
 F. mailing of a notice of allowance;
 G. mailing of a final Office action;
 H. completion of examination as defined in 37 CFR 41.102; or
 I. abandonment of the application.

Telephone inquiries with regard to this decision should be directed to Kimberly Inabinet at 571-272-4618.

/Kimberly Inabinet/

Paralegal Specialist, Office of Petitions

Office of Petitions: Routing Sheet



Application No.

This application is being forwarded to your office for further processing. A decision has been rendered on a petition filed in this application, as indicated below. For details of this decision, please see the document PET.OP.DEC filed on the same date as this document.

☒ **GRANTED**

☐ **DISMISSED**

☐ **DENIED**

Office of Petitions: Decision Count Sheet

Mailing Month

7

Application No.

15944542



For US serial numbers: enter number only, no slashes or commas. Ex: 10123456

For PCT: enter "51+single digit of year of filing+last 5 numbers", Ex. for PCT/US05/12345, enter 51512345

Deciding Official:

Kimberly Inabinet

Count (1) - Palm Credit

15944542

Decision:

GRANT

FINANCE WORK NEEDED

☐ Select Check Box for YES

Decision Type:

643 - Track One request



Notes:

Count (2)

Decision:

n/a

FINANCE WORK NEEDED

☐ Select Check Box for YES

Decision Type:

NONE

Notes:

Count (3)

Decision:

n/a

FINANCE WORK NEEDED

☐ Select Check Box for YES

Decision Type:

NONE

Notes:

Initials of Approving Official (if required)

If more than 3 decisions, attach
2nd count sheet & mark this box

Printed on: 7/9/2018



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 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
15/944,542	04/03/2018		2740	083523.0121	24	4

CONFIRMATION NO. 3585

UPDATED FILING RECEIPT



0000000100722387

5073
 BAKER BOTTS L.L.P.
 2001 ROSS AVENUE
 SUITE 900
 DALLAS, TX 75201-2980

Date Mailed: 07/06/2018

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

Inventor(s)

Sean Rad, Los Angeles, CA;
 Todd M. Carrico, Sachse, TX;
 Kenneth B. Hoskins, Plano, TX;
 James C. Stone, Addison, TX;
 Jonathan Badeen, North Hollywood, CA;

Applicant(s)

Match Group, LLC, Dallas, TX;

Assignment For Published Patent Application

Match Group, LLC, Dallas, TX

Power of Attorney: None

Domestic Priority data as claimed by applicant

This application is a CON of 15/676,773 08/14/2017
 which is a CON of 14/059,192 10/21/2013 PAT 9733811
 which claims benefit of 61/793,866 03/15/2013
 and is a CIP of 12/339,301 12/19/2008 PAT 8566327
 which claims benefit of 61/015,099 12/19/2007

Foreign Applications for which priority is claimed (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see <http://www.uspto.gov> for more information.) - None.

Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access Application via Priority Document Exchange: Yes

Permission to Access Search Results: Yes

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted: 04/27/2018

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 15/944,542**

Projected Publication Date: 10/11/2018

Non-Publication Request: No

Early Publication Request: No

Title

Matching Process System and Method

Preliminary Class

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific

countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

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The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop

technology, manufacture products, deliver services, and grow your business, visit <http://www.SelectUSA.gov> or call +1-202-482-6800.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
15/944,542	04/03/2018	Sean Rad	083523.0121

CONFIRMATION NO. 3585**INFORMAL NOTICE**

5073
 BAKER BOTTS L.L.P.
 2001 ROSS AVENUE
 SUITE 900
 DALLAS, TX 75201-2980

Date Mailed: 07/06/2018

INFORMATIONAL NOTICE TO APPLICANT

Applicant is notified that the above-identified application contains the deficiencies noted below. No period for reply is set forth in this notice for correction of these deficiencies. However, if a deficiency relates to the inventor's oath or declaration, the applicant must file an oath or declaration in compliance with 37 CFR 1.63, or a substitute statement in compliance with 37 CFR 1.64, executed by or with respect to each actual inventor no later than the expiration of the time period set in the "Notice of Allowability" to avoid abandonment. See 37 CFR 1.53(f).

The item(s) indicated below are also required and should be submitted with any reply to this notice to avoid further processing delays.

- A properly executed inventor's oath or declaration has not been received for the following inventor(s):
 Sean Rad
 Todd M. Carrico
 Kenneth B. Hoskins
 James C. Stone
 Jonathan Badeen

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at (571) 272-4000 or (571) 272-4200 or 1-888-786-0101.

/sareebuddin/

PATENT APPLICATION FEE DETERMINATION RECORD						Application or Docket Number 15/944,542			
Substitute for Form PTO-875									
APPLICATION AS FILED - PART I									
(Column 1)		(Column 2)		SMALL ENTITY		OR OTHER THAN SMALL ENTITY			
FOR	NUMBER FILED	NUMBER EXTRA	RATE(\$)	FEE(\$)		RATE(\$)	FEE(\$)		
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	300		
SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A	N/A			N/A	660		
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	760		
TOTAL CLAIMS (37 CFR 1.16(j))	24	minus 20 = *	4			x 100 =	400		
INDEPENDENT CLAIMS (37 CFR 1.16(h))	4	minus 3 = *	1			x 460 =	460		
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						0.00		
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							0.00		
* If the difference in column 1 is less than zero, enter "0" in column 2.				TOTAL		TOTAL	2580		
APPLICATION AS AMENDED - PART II									
(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY		OR OTHER THAN SMALL ENTITY	
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)	ADDITIONAL FEE(\$)	
	Total (37 CFR 1.16(i))	*	Minus **	=	x =		x =		
	Independent (37 CFR 1.16(h))	*	Minus ***	=	x =		x =		
	Application Size Fee (37 CFR 1.16(s))								
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))								
				TOTAL ADD'L FEE		TOTAL ADD'L FEE			
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)	ADDITIONAL FEE(\$)	
	Total (37 CFR 1.16(i))	*	Minus **	=	x =		x =		
	Independent (37 CFR 1.16(h))	*	Minus ***	=	x =		x =		
	Application Size Fee (37 CFR 1.16(s))								
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))								
				TOTAL ADD'L FEE		TOTAL ADD'L FEE			
<p>* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.</p> <p>** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".</p> <p>*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".</p> <p>The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1.</p>									

ATTORNEY DOCKET NO.
083523.0121

PATENT APPLICATION
USSN 15/944,542

1 of 3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Sean RAD et al.
Application No.: 15/944,542
Filing Date: April 3, 2018
Group Art Unit: TBD
Confirmation No.: 3585
Examiner: Unassigned
Title: MATCHING PROCESS SYSTEM AND METHOD

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313

Dear Examiner:

RESPONSE TO NOTICE TO FILE CORRECTED APPLICATION PAPERS

This paper is submitted in response to the Notice to File Corrected Application Papers dated May 1, 2018 (the "Notice"). Applicants submit the following:

- Remarks which begin on page 2 of this paper; and
- Replacement FIG. 3 of drawings.

ATTORNEY DOCKET NO.
083523.0121

PATENT APPLICATION
USSN 15/944,542

2 of 3

REMARKS

The Notice requires replacement drawings in compliance with 37 C.F.R. 1.84 and 37 C.F.R. 1.121(d). The replacement drawing includes no new matter.

ATTORNEY DOCKET NO.
083523.0121

PATENT APPLICATION
USSN 15/944,542

3 of 3

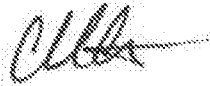
CONCLUSION

Applicant has made an earnest attempt to place this case in condition for allowance. For the foregoing reasons, and for other apparent reasons, Applicant respectfully requests full allowance of all pending claims.

If the Examiner believes a telephone conference would advance prosecution of this case in any way, the Examiner is invited to contact the undersigned attorney at the Examiner's convenience.

Applicant believes no fee(s) to be currently due, however, the Commissioner is hereby authorized to charge any additional required fees and credit any overpayments to Deposit Account No. 02-0384 of BAKER BOTTS L.L.P.

Respectfully submitted,
BAKER BOTTS L.L.P.
Attorneys for Applicant



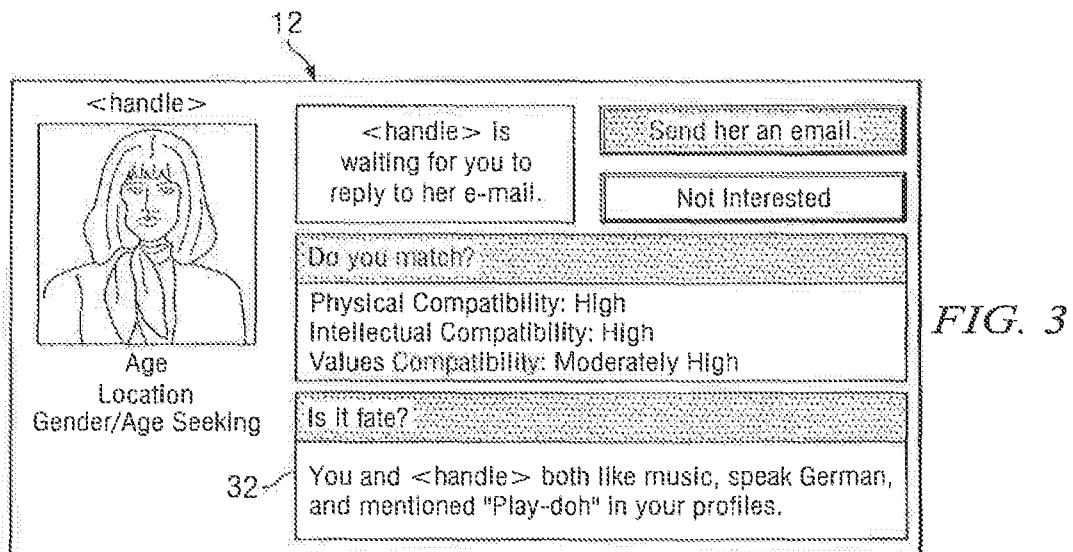
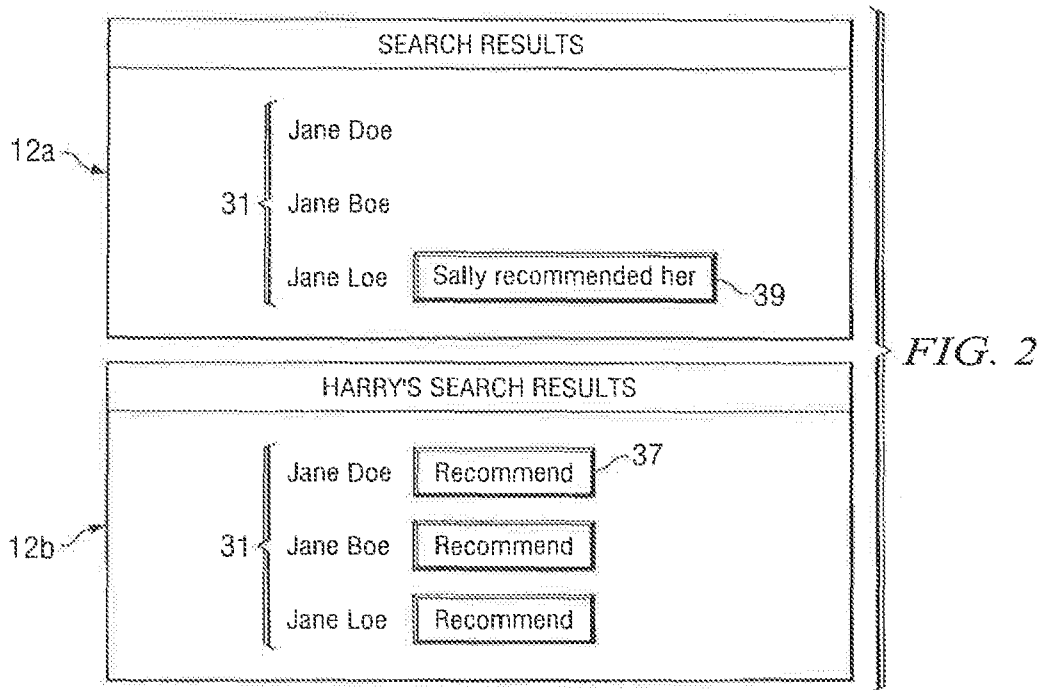
Chad C. Walters
Reg. No. 48,022
(214) 953-6511

Date: June 21, 2018

Correspondence Address:

Customer Number: **05073**

3/11



Electronic Acknowledgement Receipt

EFS ID:	32974718
Application Number:	15944542
International Application Number:	
Confirmation Number:	3585
Title of Invention:	Matching Process System and Method
First Named Inventor/Applicant Name:	Sean Rad
Customer Number:	5073
Filer:	Chad Christian Walters/Wendy Flottman
Filer Authorized By:	Chad Christian Walters
Attorney Docket Number:	083523.0121
Receipt Date:	22-JUN-2018
Filing Date:	03-APR-2018
Time Stamp:	11:32:10
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
------------------------	----

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		response.PDF	129811	yes	4
			7db17a2f21252669417e2cb04fd5277273529af3		

Multipart Description/PDF files in .zip description

Document Description	Start	End
Applicant Response to Pre-Exam Formalities Notice	1	3
Drawings-only black and white line drawings	4	4

Warnings:**Information:****Total Files Size (in bytes):**

129811

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Document code: WFEE

United States Patent and Trademark Office
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MTEKLEMI	SALE	#00000027	Mailroom Dt: 06/22/2018	020384	15944542
		01 FC : 1051	160.00 DA		



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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
15/944,542	04/03/2018	Sean Rad	083523.0121

CONFIRMATION NO. 3585

FORMALITIES LETTER



OC000000099132126

5073
 BAKER BOTTS L.L.P.
 2001 ROSS AVENUE
 SUITE 700
 DALLAS, TX 75201-2980

Date Mailed: 05/01/2018

NOTICE TO FILE CORRECTED APPLICATION PAPERS

Filing Date Granted

An application number and filing date have been accorded to this application. The application is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given TWO MONTHS from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121(d) are required. The drawings submitted are not acceptable because:
 - The drawings must be reasonably free from erasures and must be free from alterations, overwriting, interlineations, folds, and copy marks. See Figure(s) 3.

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

- Surcharge as set forth in 37 CFR 1.16(f) must be submitted.
 The surcharge is due for any one of:
 - late submission of the basic filing fee, search fee, or examination fee,
 - late submission of inventor's oath or declaration,
 - filing an application that does not contain at least one claim on filing, or
 - submission of an application filed by reference to a previously filed application.

SUMMARY OF FEES DUE:

The fee(s) required within **TWO MONTHS** from the date of this Notice to avoid abandonment is/are itemized below. No entity status discount is in effect. If applicant is qualified for small entity status, a written assertion of small entity status must be submitted to establish small entity status. (See 37 CFR 1.27). If applicant is qualified for micro entity status, an acceptable Certification of Micro Entity Status must be submitted to establish micro entity status. (See 37 CFR 1.29 and forms PTO/SB/15A and 15B.)

- \$ 160 surcharge.
- \$(0) previous unapplied payment amount.
- \$ 160 TOTAL FEE BALANCE DUE.

Items Required To Avoid Processing Delays:

Applicant is notified that the above-identified application contains the deficiencies noted below. No period for reply is set forth in this notice for correction of these deficiencies. However, if a deficiency relates to the inventor's oath or declaration, the applicant must file an oath or declaration in compliance with 37 CFR 1.63, or a substitute statement in compliance with 37 CFR 1.64, executed by or with respect to each actual inventor no later than the expiration of the time period set in the "Notice of Allowability" to avoid abandonment. See 37 CFR 1.53(f).

- A properly executed inventor's oath or declaration has not been received for the following inventor(s):

Sean Rad
Todd M. Carrico
Kenneth B. Hoskins
James C. Stone
Jonathan Badeen

Replies must be received in the USPTO within the set time period or must include a proper Certificate of Mailing or Transmission under 37 CFR 1.8 with a mailing or transmission date within the set time period. For more information and a suggested format, see Form PTO/SB/92 and MPEP 512.

Replies should be mailed to:

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web, including a copy of this Notice and selecting the document description "Applicant response to Pre-Exam Formalities Notice".
<https://portal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at (571) 272-4000 or (571) 272-4200 or 1-888-786-0101.

/lvongxay/

PATENT APPLICATION FEE DETERMINATION RECORD						Application or Docket Number 15/944,542			
Substitute for Form PTO-875									
APPLICATION AS FILED - PART I									
(Column 1)		(Column 2)		SMALL ENTITY		OR OTHER THAN SMALL ENTITY			
FOR	NUMBER FILED	NUMBER EXTRA	RATE(\$)	FEE(\$)		RATE(\$)	FEE(\$)		
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	300		
SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A	N/A			N/A	660		
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	760		
TOTAL CLAIMS (37 CFR 1.16(j))	24	minus 20 = *	4			x 100 =	400		
INDEPENDENT CLAIMS (37 CFR 1.16(h))	4	minus 3 = *	1			x 460 =	460		
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						0.00		
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							0.00		
* If the difference in column 1 is less than zero, enter "0" in column 2.				TOTAL		TOTAL	2580		
APPLICATION AS AMENDED - PART II									
(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY		OR OTHER THAN SMALL ENTITY	
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)	ADDITIONAL FEE(\$)	
	Total (37 CFR 1.16(i))	*	Minus **	=	x =		x =		
	Independent (37 CFR 1.16(h))	*	Minus ***	=	x =		x =		
	Application Size Fee (37 CFR 1.16(s))								
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))								
				TOTAL ADD'L FEE		TOTAL ADD'L FEE			
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)	ADDITIONAL FEE(\$)	
	Total (37 CFR 1.16(i))	*	Minus **	=	x =		x =		
	Independent (37 CFR 1.16(h))	*	Minus ***	=	x =		x =		
	Application Size Fee (37 CFR 1.16(s))								
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))								
				TOTAL ADD'L FEE		TOTAL ADD'L FEE			
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1.									



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UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
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 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
15/944,542	04/03/2018		2580	083523.0121	24	4

CONFIRMATION NO. 3585

FILING RECEIPT



0000000099132125

5073
 BAKER BOTTS L.L.P.
 2001 ROSS AVENUE
 SUITE 700
 DALLAS, TX 75201-2980

Date Mailed: 05/01/2018

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

Inventor(s)

Sean Rad, Los Angeles, CA;
 Todd M. Carrico, Sachse, TX;
 Kenneth B. Hoskins, Plano, TX;
 James C. Stone, Addison, TX;
 Jonathan Badeen, North Hollywood, CA;

Applicant(s)

Match Group, LLC, Dallas, TX;

Assignment For Published Patent Application

Match Group, LLC, Dallas, TX

Power of Attorney: None

Domestic Priority data as claimed by applicant

This application is a CON of 15/676,773 08/14/2017
 which is a CON of 14/059,192 10/21/2013 PAT 9733811
 which claims benefit of 61/793,866 03/15/2013
 and is a CIP of 12/339,301 12/19/2008 PAT 8566327
 which claims benefit of 61/015,099 12/19/2007

Foreign Applications for which priority is claimed (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see <http://www.uspto.gov> for more information.) - None.

Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access Application via Priority Document Exchange: Yes

Permission to Access Search Results: Yes

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted: 04/27/2018

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 15/944,542**

Projected Publication Date: To Be Determined - pending completion of Corrected Papers

Non-Publication Request: No

Early Publication Request: No

Title

Matching Process System and Method

Preliminary Class

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

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Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific

countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

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The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop

technology, manufacture products, deliver services, and grow your business, visit <http://www.SelectUSA.gov> or call +1-202-482-6800.

Doc Code: TRACK1.REQ

Document Description: TrackOne Request

PTO/AIA/424 (04-14)

CERTIFICATION AND REQUEST FOR PRIORITIZED EXAMINATION UNDER 37 CFR 1.102(e) (Page 1 of 1)

First Named Inventor:	Sean Rad	Nonprovisional Application Number (if known):	
Title of Invention:	Matching Process System and Method		

APPLICANT HEREBY CERTIFIES THE FOLLOWING AND REQUESTS PRIORITIZED EXAMINATION FOR THE ABOVE-IDENTIFIED APPLICATION.

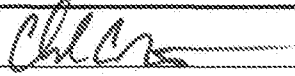
- The processing fee set forth in 37 CFR 1.17(i)(1) and the prioritized examination fee set forth in 37 CFR 1.17(c) have been filed with the request. The publication fee requirement is met because that fee, set forth in 37 CFR 1.18(d), is currently \$0. The basic filing fee, search fee, and examination fee are filed with the request or have been already been paid. I understand that any required excess claims fees or application size fee must be paid for the application.
- I understand that the application may not contain, or be amended to contain, more than four independent claims, more than thirty total claims, or any multiple dependent claims, and that any request for an extension of time will cause an outstanding Track I request to be dismissed.
- The applicable box is checked below:

I. ☒ Original Application (Track One) - Prioritized Examination under § 1.102(e)(1)

- (a) The application is an original nonprovisional utility application filed under 35 U.S.C. 111(a). This certification and request is being filed with the utility application via EFS-Web.
---OR---
(b) The application is an original nonprovisional plant application filed under 35 U.S.C. 111(a). This certification and request is being filed with the plant application in paper.
- An executed inventor's oath or declaration under 37 CFR 1.63 or 37 CFR 1.64 for each inventor, or the application data sheet meeting the conditions specified in 37 CFR 1.53(f)(3)(i) is filed with the application.

II. ☐ Request for Continued Examination - Prioritized Examination under § 1.102(e)(2)

- A request for continued examination has been filed with, or prior to, this form.
- If the application is a utility application, this certification and request is being filed via EFS-Web.
- The application is an original nonprovisional utility application filed under 35 U.S.C. 111(a), or is a national stage entry under 35 U.S.C. 371.
- This certification and request is being filed prior to the mailing of a first Office action responsive to the request for continued examination.
- No prior request for continued examination has been granted prioritized examination status under 37 CFR 1.102(e)(2).

Signature 	Date April 3, 2018
Name (Print/Typed) Chad C. Walters	Practitioner Registration Number 48022
<p>Note: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. Submit multiple forms if more than one signature is required.*</p>	
<p><input checked="" type="checkbox"/> *Total of <u>one</u> forms are submitted.</p>	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	083523.0121
		Application Number	
Title of Invention	Matching Process System and Method		
<p>The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76.</p> <p>This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.</p>			

Secrecy Order 37 CFR 5.2:

<input type="checkbox"/>	Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)
--------------------------	---

Inventor Information:

Inventor 1					Remove
Legal Name					
Prefix	Given Name	Middle Name	Family Name	Suffix	
	Sean		Rad		
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service					
City	Los Angeles	State/Province	CA	Country of Residence	US
Mailing Address of Inventor:					
Address 1		10430 Wilshire Blvd.			
Address 2		Unit 1403			
City	Los Angeles	State/Province	CA		
Postal Code	90024	Country i	US		
Inventor 2					Remove
Legal Name					
Prefix	Given Name	Middle Name	Family Name	Suffix	
	Todd	M.	Carrico		
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service					
City	Sachse	State/Province	TX	Country of Residence	US
Mailing Address of Inventor:					
Address 1		1407 Sunrise Lane			
Address 2					
City	Sachse	State/Province	TX		
Postal Code	75048	Country i	US		
Inventor 3					Remove
Legal Name					
Prefix	Given Name	Middle Name	Family Name	Suffix	
	Kenneth	B.	Hoskins		
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service					

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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	083523.0121	
		Application Number		
Title of Invention	Matching Process System and Method			

City	Plano	State/Province	TX	Country of Residence	US
------	-------	----------------	----	----------------------	----

Mailing Address of Inventor:

Address 1	2817 Chancellor Drive				
Address 2					
City	Plano	State/Province	TX		
Postal Code	75074	Country i	US		

Inventor 4

Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	James	C.	Stone	

Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service

City	Addison	State/Province	TX	Country of Residence	
------	---------	----------------	----	----------------------	--

Mailing Address of Inventor:

Address 1	15826 Breedlove				
Address 2					
City	Addison	State/Province	TX		
Postal Code	75001	Country i	US		

Inventor 5

Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Jonathan		Badeen	

Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service

City	North Hollywood	State/Province	CA	Country of Residence	US
------	-----------------	----------------	----	----------------------	----

Mailing Address of Inventor:

Address 1	11201 Otsego St. #400				
Address 2					
City	North Hollywood	State/Province	TX		
Postal Code	91601	Country i	US		

All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the **Add** button.

Add

Correspondence Information:Enter either Customer Number or complete the Correspondence Information section below.
For further information see 37 CFR 1.33(a).☐ An Address is being provided for the correspondence Information of this application.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	083523.0121
		Application Number	
Title of Invention	Matching Process System and Method		
Customer Number	05073		
Email Address	PTOmail1@bakerbotts.com	<input type="button" value="Add Email"/>	<input type="button" value="Remove Email"/>

Application Information:

Title of the Invention	Matching Process System and Method		
Attorney Docket Number	083523.0121	Small Entity Status Claimed	<input type="checkbox"/>
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)	11	Suggested Figure for Publication (if any)	

Filing By Reference:

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country

Publication Information:

<input type="checkbox"/> Request Early Publication (Fee required at time of Request 37 CFR 1.219)
<input type="checkbox"/> Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer Number will be used for the Representative Information during processing.

Please Select One:	<input checked="" type="radio"/> Customer Number	<input type="radio"/> US Patent Practitioner	<input type="radio"/> Limited Recognition (37 CFR 11.9)
Customer Number	05073		

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	083523.0121
		Application Number	
Title of Invention	Matching Process System and Method		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(c) or indicate National Stage entry from a PCT application. Providing benefit claim information in the Application Data Sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.

When referring to the current application, please leave the "Application Number" field blank.

Prior Application Status	Pending		Remove		
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)		
	Continuation of	15/676773	2017-08-14		
Prior Application Status	Patented		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
15/676773	Continuation of	14/059192	2013-10-21	9733811	2017-08-15
Prior Application Status	Expired		Remove		
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)		
14/059192	Claims benefit of provisional	61/793866	2013-03-15		
Prior Application Status	Patented		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
14/059192	Continuation in part of	12/339301	2008-12-19	8566327	2013-10-22
Prior Application Status	Expired		Remove		
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)		
12/339301	Claims benefit of provisional	61/015099	2007-12-19		
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the Add button.					

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)ⁱ the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Remove	Access Code ^j (if applicable)
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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	083523.0121
		Application Number	
Title of Invention	Matching Process System and Method		
Additional Foreign Priority Data may be generated within this form by selecting the Add button.			

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

<input type="checkbox"/> This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013. NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	083523.0121
		Application Number	
Title of Invention	Matching Process System and Method		

Authorization or Opt-Out of Authorization to Permit Access:

When this Application Data Sheet is properly signed and filed with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant **must opt-out** of the authorization by checking the corresponding box A or B or both in subsection 2 below.

NOTE: This section of the Application Data Sheet is **ONLY** reviewed and processed with the **INITIAL** filing of an application. After the initial filing of an application, an Application Data Sheet cannot be used to provide or rescind authorization for access by a foreign IP office(s). Instead, Form PTO/SB/39 or PTO/SB/69 must be used as appropriate.

1. Authorization to Permit Access by a Foreign Intellectual Property Office(s)

A. Priority Document Exchange (PDX) - Unless box A in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Organization (WIPO), and any other foreign intellectual property office participating with the USPTO in a bilateral or multilateral priority document exchange agreement in which a foreign application claiming priority to the instant patent application is filed, access to: (1) the instant patent application-as-filed and its related bibliographic data, (2) any foreign or domestic application to which priority or benefit is claimed by the instant application and its related bibliographic data, and (3) the date of filing of this Authorization. See 37 CFR 1.14(h)(1).

B. Search Results from U.S. Application to EPO - Unless box B in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

The applicant is reminded that the EPO's Rule 141(1) EPC (European Patent Convention) requires applicants to submit a copy of search results from the instant application without delay in a European patent application that claims priority to the instant application.

2. Opt-Out of Authorizations to Permit Access by a Foreign Intellectual Property Office(s)

☐ A. Applicant **DOES NOT** authorize the USPTO to permit a participating foreign IP office access to the instant application-as-filed. If this box is checked, the USPTO will not be providing a participating foreign IP office with any documents and information identified in subsection 1A above.

☐ B. Applicant **DOES NOT** authorize the USPTO to transmit to the EPO any search results from the instant patent application. If this box is checked, the USPTO will not be providing the EPO with search results from the instant application.

NOTE: Once the application has published or is otherwise publicly available, the USPTO may provide access to the application in accordance with 37 CFR 1.14.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	083523.0121
		Application Number	
Title of Invention	Matching Process System and Method		

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Applicant 1

If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.

☒ Assignee
 ☐ Legal Representative under 35 U.S.C. 117
 ☐ Joint Inventor

☐ Person to whom the inventor is obligated to assign.
 ☐ Person who shows sufficient proprietary interest

If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:

Name of the Deceased or Legally Incapacitated Inventor:

If the Applicant is an Organization check here. ☒

Organization Name Match Group, LLC

Mailing Address Information For Applicant:

Address 1		8750 N. Central Expressway	
Address 2		Suite 1400	
City	Dallas	State/Province	TX
Country	US	Postal Code	75231
Phone Number		Fax Number	
Email Address			

Additional Applicant Data may be generated within this form by selecting the Add button.

Assignee Information including Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	083523.0121
		Application Number	
Title of Invention	Matching Process System and Method		

Assignee 1

Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.

If the Assignee or Non-Applicant Assignee is an Organization check here.



Organization Name

Match Group, LLC

Mailing Address Information For Assignee including Non-Applicant Assignee:

Address 1

8750 N. Central Expressway

Address 2

Suite 1400

City

Dallas

State/Province

TX

Country

US

Postal Code

75231

Phone Number

Fax Number

Email Address


Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button.

Signature:

NOTE: This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b). However, if this Application Data Sheet is submitted with the INITIAL filing of the application and either box A or B is not checked in subsection 2 of the "Authorization or Opt-Out of Authorization to Permit Access" section, then this form must also be signed in accordance with 37 CFR 1.14(c).

This Application Data Sheet must be signed by a patent practitioner if one or more of the applicants is a juristic entity (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, all joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of all joint inventor-applicants.

See 37 CFR 1.4(d) for the manner of making signatures and certifications.

Signature			Date (YYYY-MM-DD)	2018-04-03	
First Name	Chad C.	Last Name	Walters	Registration Number	48022

Additional Signature may be generated within this form by selecting the Add button.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	083523.0121
		Application Number	
Title of Invention	Matching Process System and Method		

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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083523.0121

PATENT APPLICATION

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MATCHING PROCESS SYSTEM AND METHOD

ABSTRACT

5 A method for profile matching includes receiving a
plurality of user profiles, each user profile comprising
traits of a respective user. The method includes
receiving a preference indication for a first user
profile of the plurality of user profiles. The method
also includes determining a potential match user profile
10 of the plurality of user profiles based on the preference
indication for the first user profile. The method also
includes presenting the potential match user profile to a
second user.

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PATENT APPLICATION

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WHAT IS CLAIMED IS:

1. A non-transitory computer-readable medium comprising instructions that, when executed by a processor, are configured to:

5 electronically receive a plurality of user online-dating profiles, each profile comprising traits of a respective user;

electronically receive a first request for matching, the first request electronically submitted by a first user using a first electronic device;

10 determine from the plurality of user online-dating profiles a set of potential matches for the first user;

cause the display of a graphical representation of a first potential match of the set of potential matches to the first user on a graphical user interface of the first electronic device, the first potential match corresponding to a second user;

15 receive from the first electronic device of the first user a first positive preference indication associated with the graphical representation of the second user on the graphical user interface, the first positive preference indication associated with a first gesture performed on the graphical user interface;

20 cause the graphical user interface to display a graphical representation of a second potential match of the set of potential matches instead of the graphical representation of the first potential match;

25 receive from a second electronic device of the second user a positive preference indication regarding the first user;

30 determine to allow the first user to communicate with the second user in response to receiving from the

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083523.0121

PATENT APPLICATION

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first electronic device of the first user the first positive preference indication regarding the second user and receiving from the second electronic device of the second user the positive preference indication regarding the first user;

receive from the first electronic device of the first user a first negative preference indication associated with a graphical representation of a third potential match on the graphical user interface, the first negative preference indication associated with a second gesture performed on the graphical user interface, the third potential match corresponding to a third user;

without allowing communication between the first user and the third user, receive from the first electronic device of the first user a second positive preference indication associated with a graphical representation of a fourth potential match on the graphical user interface, the second positive preference indication associated with the first gesture performed on the graphical user interface, the fourth potential match corresponding to a fourth user;

receive from a third electronic device of the fourth user a second negative preference indication associated with a graphical representation of the first user; and

without allowing communication between the first user and the fourth user, receive from the first electronic device of the first user a third positive preference indication associated with a graphical representation of a fifth potential match on the graphical user interface, the third positive preference indication associated with the first gesture performed on

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PATENT APPLICATION

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the graphical user interface, the fifth potential match corresponding to a fifth user.

2. The medium of Claim 1, wherein at least one or
5 more of the plurality of user on-line dating profiles is associated with a social networking platform.

3. The medium of Claim 1, wherein:
the first gesture comprises a first swiping gesture;
10 and
the second gesture comprises a second swiping gesture different than the first swiping gesture.

4. The medium of Claim 2, wherein:
15 the first gesture comprises a first swiping gesture;
and
the second gesture comprises a second swiping gesture different than the first swiping gesture

20 5. The medium of Claim 1, further comprising instructions configured to, in response to determining to allow the first user to communicate with the second user, cause the display of a graphical notification on the graphical user interface of the first electronic device
25 of the first user, the graphical notification indicating that a match exists between the first user and the second user and presenting an option for the first user to communicate with the second user.

30 6. The medium of Claim 4, further comprising instructions configured to, in response to determining to allow the first user to communicate with the second user,

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PATENT APPLICATION

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5 cause the display of a graphical notification on the graphical user interface of the first electronic device of the first user, the graphical notification indicating that a match exists between the first user and the second user and presenting an option for the first user to communicate with the second user.

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PATENT APPLICATION

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7. A system for profile matching, comprising:
an interface operable to:

electronically receive a plurality of user online-
dating profiles, each profile comprising traits of a
5 respective user; and

electronically receive a first request for matching,
the first request electronically submitted by a first
user using a first electronic device;

a processor coupled to the interface and operable
10 to:

determine from the plurality of user online-dating
profiles a set of potential matches for the first user;
and

cause the display of a graphical representation of a
15 first potential match of the set of potential matches to
the first user on a graphical user interface of the first
electronic device, the first potential match
corresponding to a second user;

wherein the interface is further operable to receive
20 from the first electronic device of the first user a
first positive preference indication associated with the
graphical representation of the second user on the
graphical user interface, the first positive preference
indication associated with a first gesture performed on
25 the graphical user interface;

wherein the processor is further operable to cause
the graphical user interface to display a graphical
representation of a second potential match of the set of
potential matches instead of the graphical representation
30 of the first potential match;

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wherein the interface is further operable to receive from a second electronic device of the second user a positive preference indication regarding the first user;

5 wherein the processor is further operable to determine to allow the first user to communicate with the second user in response to receiving from the first electronic device of the first user the first positive preference indication regarding the second user and receiving from the second electronic device of the second
10 user the positive preference indication regarding the first user; and

wherein the interface is further operable to:

15 receive from the first electronic device of the first user a first negative preference indication associated with a graphical representation of a third potential match on the graphical user interface, the first negative preference indication associated with a second gesture performed on the graphical user interface, the third potential match corresponding to a third user;

20 without allowing communication between the first user and the third user, receive from the first electronic device of the first user a second positive preference indication associated with a graphical representation of a fourth potential match on the
25 graphical user interface, the second positive preference indication associated with the first gesture performed on the graphical user interface, the fourth potential match corresponding to a fourth user;

30 receive from a third electronic device of the fourth user a second negative preference indication associated with a graphical representation of the first user; and

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without allowing communication between the first user and the fourth user, receive from the first electronic device of the first user a third positive preference indication associated with a graphical representation of a fifth potential match on the graphical user interface, the third positive preference indication associated with the first gesture performed on the graphical user interface, the fifth potential match corresponding to a fifth user.

8. The system of Claim 7, wherein at least one or more of the plurality of user on-line dating profiles is associated with a social networking platform.

9. The system of Claim 7, wherein:
the first gesture comprises a first swiping gesture;
and
the second gesture comprises a second swiping gesture different than the first swiping gesture.

10. The system of Claim 8, wherein:
the first gesture comprises a first swiping gesture;
and
the second gesture comprises a second swiping gesture different than the first swiping gesture

11. The system of Claim 7, wherein the processor is further operable to, in response to determining to allow the first user to communicate with the second user, cause the display of a graphical notification on the graphical user interface of the first electronic device of the first user, the graphical notification indicating that a

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match exists between the first user and the second user and presenting an option for the first user to communicate with the second user.

5 12. The system of Claim 10, wherein the processor
is further operable to, in response to determining to
allow the first user to communicate with the second user,
cause the display of a graphical notification on the
graphical user interface of the first electronic device
10 of the first user, the graphical notification indicating
that a match exists between the first user and the second
user and presenting an option for the first user to
communicate with the second user.

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13. A computer implemented method of profile matching, comprising:

electronically transmitting from a first electronic device of a first user a first request for matching;

5 causing the display of a graphical representation of a first potential match of a set of potential matches to the first user on a graphical user interface of the first electronic device, the first potential match corresponding to a second user;

10 wherein the set of potential matches for the first user are determined from a plurality of user online-dating profiles in response to the first request for matching;

15 wherein the plurality of user online-dating profiles each comprises traits of a respective user;

transmitting from the first electronic device of the first user a first positive preference indication associated with the graphical representation of the second user on the graphical user interface, the first
20 positive preference indication associated with a first gesture performed on the graphical user interface;

causing the display on the graphical user interface of a graphical representation of a second potential match of the set of potential matches instead of the graphical
25 representation of the first potential match;

allowing the first user to communicate with the second user in response to the first electronic device of the first user transmitting the first positive preference indication regarding the second user and a second user
30 expressing a positive preference regarding the first user;

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transmitting from the first electronic device of the first user a first negative preference indication associated with a graphical representation of a third potential match on the graphical user interface, the first negative preference indication associated with a second gesture performed on the graphical user interface, the third potential match corresponding to a third user;

without allowing the first user to communicate with the third user, transmitting from the first electronic device of the first user a second positive preference indication associated with a graphical representation of a fourth potential match on the graphical user interface, the second positive preference indication associated with the first gesture performed on the graphical user interface, the fourth potential match corresponding to a fourth user;

wherein there is a fourth user expression of a negative preference for the first user; and

without allowing communication between the first user and the fourth user, transmitting from the first electronic device of the first user a third positive preference indication associated with a graphical representation of a fifth potential match on the graphical user interface, the third positive preference indication associated with the first gesture performed on the graphical user interface, the fifth potential match corresponding to a fifth user.

14. The method of Claim 13, wherein at least one or more of the plurality of user on-line dating profiles is associated with a social networking platform.

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15. The method of Claim 13, wherein:
the first gesture comprises a first swiping gesture;
and
the second gesture comprises a second swiping
gesture different than the first swiping gesture.

16. The method of Claim 14, wherein:
the first gesture comprises a first swiping gesture;
and
the second gesture comprises a second swiping
gesture different than the first swiping gesture

17. The method of Claim 13, further comprising
causing the display of a graphical notification on the
graphical user interface of the first electronic device
of the first user, the graphical notification indicating
that a match exists between the first user and the second
user and presenting an option for the first user to
communicate with the second user.

18. The method of Claim 16, further comprising
causing the display of a graphical notification on the
graphical user interface of the first electronic device
of the first user, the graphical notification indicating
that a match exists between the first user and the second
user and presenting an option for the first user to
communicate with the second user.

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19. A system for profile matching, comprising:

an interface operable to electronically transmit from a first electronic device of a first user a first request for matching;

5 a processor coupled to the interface and operable to cause the display of a graphical representation of a first potential match of a set of potential matches to the first user on a graphical user interface of the first electronic device, the first potential match
10 corresponding to a second user;

wherein the set of potential matches for the first user are determined from a plurality of user online-dating profiles in response to the first request for matching;

15 wherein the plurality of user online-dating profiles each comprises traits of a respective user;

wherein the interface is further operable to transmit from the first electronic device of the first user a first positive preference indication associated
20 with the graphical representation of the second user on the graphical user interface, the first positive preference indication associated with a first gesture performed on the graphical user interface;

wherein the processor is further operable to:

25 cause the display on the graphical user interface of a graphical representation of a second potential match of the set of potential matches instead of the graphical representation of the first potential match; and

30 allow the first user to communicate with the second user in response to the first electronic device of the first user transmitting the first positive preference

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indication regarding the second user and a second user expressing a positive preference regarding the first user;

wherein the interface is further operable to:

5 transmit from the first electronic device of the first user a first negative preference indication associated with a graphical representation of a third potential match on the graphical user interface, the first negative preference indication associated with a
10 second gesture performed on the graphical user interface, the third potential match corresponding to a third user; and

 without allowing the first user to communicate with the third user, transmit from the first electronic
15 device of the first user a second positive preference indication associated with a graphical representation of a fourth potential match on the graphical user interface, the second positive preference indication associated with the first gesture performed on the graphical user
20 interface, the fourth potential match corresponding to a fourth user;

 wherein there is a fourth user expression of a negative preference for the first user; and

 wherein the interface is further operable to,
25 without allowing communication between the first user and the fourth user, transmit from the first electronic device of the first user a third positive preference indication associated with a graphical representation of a fifth potential match on the graphical user interface,
30 the third positive preference indication associated with the first gesture performed on the graphical user

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interface, the fifth potential match corresponding to a fifth user.

20. The system of Claim 19, wherein at least one or
5 more of the plurality of user on-line dating profiles is associated with a social networking platform.

21. The system of Claim 19, wherein:
the first gesture comprises a first swiping gesture;
10 and
the second gesture comprises a second swiping gesture different than the first swiping gesture.

22. The system of Claim 20, wherein:
15 the first gesture comprises a first swiping gesture;
and
the second gesture comprises a second swiping gesture different than the first swiping gesture

20 23. The system of Claim 19, wherein the processor is further operable to cause the display of a graphical notification on the graphical user interface of the first electronic device of the first user, the graphical notification indicating that a match exists between the
25 first user and the second user and presenting an option for the first user to communicate with the second user.

24. The system of Claim 23, wherein the processor is further operable to cause the display of a graphical
30 notification on the graphical user interface of the first electronic device of the first user, the graphical notification indicating that a match exists between the

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first user and the second user and presenting an option
for the first user to communicate with the second user.

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MATCHING PROCESS SYSTEM AND METHOD

RELATED APPLICATION

5 This application is a continuation of U.S. Application Serial No. 15,676,773 filed August 14, 2017 and entitled "Matching Process System And Method," which is a continuation of U.S. Application Serial No. 14/059,192 filed October 21, 2013 and entitled "Matching Process System and Method;" which (a) is a continuation-in-part of U.S. Application Serial No. 12/339,301 filed December 19, 2008 and entitled "Matching Process System and Method," now U.S. Patent No. 8,566,327, which claims benefit under 35 U.S.C. § 119(e) to U.S. Provisional Application Serial No. 61/015,099, entitled "Matching Process System And Method," filed December 19, 2007; and (b) claims benefit under 35 U.S.C. 119(e) to U.S. Provisional Application Serial No. 61/793,866 filed March 15, 2013 and entitled "Social Matching System and Method."

TECHNICAL FIELD

20 This invention relates generally to computer matching systems and more particularly to a matching process system and method.

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BACKGROUND

Networking architectures have grown increasingly complex in communications environments. In recent years, a series of protocols and configurations have been developed in order to accommodate a diverse group of end users having various networking needs. Many of these architectures have gained significant notoriety because they can offer the benefits of automation, convenience, management, and enhanced consumer selections.

Certain network protocols may be used in order to allow an end user to conduct an on-line search of candidates to fill a given vacancy. These protocols may relate to job searches, person finding services, real estate searches, or on-line dating. While some believe that on-line dating is simply a matter of matching supply and demand, there is statistical and empirical evidence to suggest that successful on-line dating entails far more.

For example, people having similar and/or compatible character traits and values should be matched together. However, effectively linking two participants together can prove to be a challenging endeavor. Coordinating a relationship between two like-minded individuals can be a significant chore, as there are a number of obstacles and barriers that must be overcome.

One problem that has arisen is that matching services are limited to searching for matches only within their own platform. Thus, only people who have gone through the process of signing up for the service are searched for a match. One solution to this problem is to have users register in multiple services. This is problematic because it can be expensive and time

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consuming for users. Further, the user must then visit all of the services to monitor the search progress: this inefficiency may cause users to give up on the search process.

5 Another problem is that the search results of these services contain many irrelevant entities to the searcher. This costs the user of the service time and may deter them from continuing through all of the search results.

10 Another problem is that large numbers of unwanted communication requests can become a nuisance to the user. Too many nuisance requests may deter the user from further use of the system. Users with the most attractive profiles are oftentimes the ones that receive
15 the most unwanted attention. If the users with the most attractive profiles cease to use the system, the quality of the user pool deteriorates.

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SUMMARY

In one embodiment, a method for profile matching comprises receiving a plurality of user profiles, each user profile comprising traits of a respective user. It
5 also comprises receiving a preference indication for a first user profile of the plurality of user profiles. It further comprises determining a potential match user profile of the plurality of user profiles based on the preference indication for the first user profile. The
10 method also comprises presenting the potential match user profile to a second user.

Receiving a preference indication for a first user profile may include receiving from a third user a recommendation of the first user profile for the second
15 user. It may also include receiving from the second user a preference indication for the first user profile. The method may further include determining a score of a third user profile of the plurality of user profiles as a potential match for the second user. It may also include
20 altering the score of the third user profile based on the preference indication for the first user profile.

In another embodiment, a method for profile matching comprises receiving a plurality of user profiles, each user profile comprising traits of a respective user. The
25 method further comprises receiving a request for matches from a first user, the first user associated with a first user profile. The method also comprises scoring the plurality of user profiles for potential matching with the first user based on comparisons of the plurality of
30 user profiles with the first user profile. It also comprises identifying a second user profile of the plurality of user profiles as a potential match for the

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first user based on the scoring. The method further comprises identifying commonality between a third user profile of the plurality of user profiles and the second user profile. In addition, the method comprises
5 presenting to the first user the third user profile as a potential match for the first user.

Depending on the specific features implemented, particular embodiments may exhibit some, none, or all of the following technical advantages. Various embodiments
10 may be capable of dynamically updating match search results based on user activity. Some embodiments may be capable of enhancing match search results by reducing the impact of restrictive user preferences. In addition, some embodiments may provide the ability to evaluate the
15 attractiveness of potential matches. Various embodiments may be capable of importing user profiles from other social-networking systems. Some embodiments may be capable of generating the pool of users based on both explicit and implicit criteria derived from other social
20 networking systems. Other technical advantages will be readily apparent to one skilled in the art from the following figures, description and claims.

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BRIEF DESCRIPTION OF THE DRAWINGS

Reference is now made to the following description taken in conjunction with the accompanying drawings, wherein like reference numbers represent like parts, and
5 which:

FIGURE 1A is an overview of one embodiment of the matching system;

FIGURE 1B shows the contents of the terminal from FIGURE 1A;

10 FIGURE 1C shows the contents of the matching server from FIGURE 1A;

FIGURE 1D is a diagram of a database from FIGURE 1C showing one embodiment of how a matching server stores a pool;

15 FIGURE 1E is a diagram of the display from FIGURE 1B showing one embodiment of the presentation of search results to a user;

FIGURE 1F is a diagram of the display from FIGURE 1B showing one embodiment of the presentation of details of
20 a match result entity to a user;

FIGURE 2 is a diagram depicting how a user may recommend an entity to another user, in accordance with a particular embodiment;

FIGURE 3 is a diagram of the display from FIGURE 1B depicting how the user may be made aware of fate
25 characteristics the user shares with a match result entity, in accordance with a particular embodiment;

FIGURE 4 is a diagram depicting how two platforms may be searched for a match, in accordance with a
30 particular embodiment;

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FIGURE 5 is a flow chart indicating how a result list may be generated, in accordance with a particular embodiment;

5 FIGURE 6 shows one embodiment of the matching system displaying to a user the profile information of a second user;

FIGURE 7 is a diagram of the display from FIGURE 6 showing the effect of a left swipe gesture;

10 FIGURE 8 is a diagram of the display from FIGURE 6 showing the effect of a right swipe gesture;

FIGURE 9 shows the matching system displaying a match of a first user and a second user, in accordance with a particular embodiment;

15 FIGURE 10 is a flowchart depicting a method for enabling communication between two users of the matching system of FIGURE 1 based on a mutual expression of approval, in accordance with a particular embodiment;

20 FIGURE 11 is a flowchart depicting a method for enabling communication between two users of the matching system of FIGURE 1 based on a user suggested matching proposal, in accordance with a particular embodiment; and

FIGURES 12A-D depict embodiments of a user interface.

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DETAILED DESCRIPTION

Referring to FIGURE 1A, one embodiment of a matching system is shown. FIGURE 1A is a simplified block diagram of a system 100 for facilitating an on-line dating scenario in a network environment. In other embodiments, system 100 can be leveraged to identify and to evaluate suitable candidates in other areas (e.g. hiring/employment, recruiting, real estate, general person searches, etc.). Users 14 interact with a matching server 20 through terminals 10. FIGURE 1B is a diagram showing, in one embodiment, the contents of terminal 10. Terminal 10 comprises interface 16 (so that user 14 may be able to interact with terminal 10) and display 12. FIGURE 1C is a diagram showing, in one embodiment, the contents of matching server 20. Matching server 20 comprises memory 26 and at least one CPU 28. Memory 26 may store multiple databases, such as databases 26a and 26b. Terminal 10 and matching server 20 are communicatively coupled via network connections 22 and network 24.

Users 14 are clients, customers, prospective customers, or entities wishing to participate in an on-line dating scenario and/or to view information associated with other participants in the system. Users 14 may also seek to access or to initiate a communication with other users that may be delivered via network 24. Users 14 may review data (such as profiles, for example) associated with other users in order to make matching decisions or elections. Data, as used herein, refers to any type of numeric, voice, video, text, or script data, or any other suitable information in any appropriate

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format that may be communicated from one point to another.

5 In one embodiment, terminal 10 represents (and is inclusive of) a personal computer that may be used to access network 24. Alternatively, terminal 10 may be representative of a cellular telephone, an electronic notebook, a laptop, a personal digital assistant (PDA), or any other suitable device (wireless or otherwise: some of which can perform web browsing), component, or element
10 capable of accessing one or more elements within system 100. Interface 16, which may be provided in conjunction with the items listed above, may further comprise any suitable interface for a human user such as a video camera, a microphone, a keyboard, a mouse, or any other
15 appropriate equipment according to particular configurations and arrangements. In addition, interface 16 may be a unique element designed specifically for communications involving system 100. Such an element may be fabricated or produced specifically for matching
20 applications involving a user.

Display 12, in one embodiment, is a computer monitor. Alternatively, display 12 may be a projector, speaker, or other device that allows user 14 to appreciate information that system 100 transmits.

25 Network 24 is a communicative platform operable to exchange data or information emanating from user 14. Network 24 could be a plain old telephone system (POTS). Transmission of information emanating from the user may be assisted by management associated with matching server
30 20 or manually keyed into a telephone or other suitable electronic equipment. In other embodiments, network 24 could be any packet data network offering a

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communications interface or exchange between any two nodes in system 100. Network 24 may alternatively be any local area network (LAN), metropolitan area network (MAN), wide area network (WAN), wireless local area network (WLAN), virtual private network (VPN), intranet, or any other appropriate architecture or system that facilitates communications in a network or telephonic environment, including a combination of any networks or systems described above. In various embodiments, network connections 22 may include, but are not limited to, wired and/or wireless mediums which may be provisioned with routers and firewalls.

Matching server 20 is operable to receive and to communicate information to terminal 10. In some embodiments, matching server 20 may comprise a plurality of servers or other equipment, each performing different or the same functions in order to receive and communicate information to terminal 10. Matching server 20 may include software and/or algorithms to achieve the operations for processing, communicating, delivering, gathering, uploading, maintaining, and/or generally managing data, as described herein. Alternatively, such operations and techniques may be achieved by any suitable hardware, component, device, application specific integrated circuit (ASIC), additional software, field programmable gate array (FPGA), server, processor, algorithm, erasable programmable ROM (EPROM), electrically erasable programmable ROM (EEPROM), or any other suitable object that is operable to facilitate such operations.

In some embodiments, user 14, using terminal 10, registers with matching server 20. Registration may

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include user 14 submitting information to matching server 20 about user 14 as well as characteristics user 14 is seeking to be matched with. Such information may include a user handle, which may be a combination of characters that uniquely identifies user 14 to matching server 20. In various embodiments, matching server 20 may be configured to collect this information; for example, matching server 20 may be configured to ask user 14 to respond to a series of questions. Matching server 20 may be configured to receive the information submitted by user 14 and create a profile for user 14 based on that information, storing the profile in memory 26.

As an example only, consider a case where user 14 is interested in participating in an on-line dating scenario. User 14 can access the Internet via terminal 10, travel to a web site managed by matching server 20, and begin the registration process. As part of the registration process, matching server 20 may ask user 14 a series of questions which identifies characteristics about user 14. Thus, matching server 20 may ask about the height, weight, age, location, and ethnicity of user 14. It may also ask about the birthplace, parents, eating habits, activities, and goals of user 14. Matching server 20 may further use the registration process to discover what user 14 may be looking for in a match, such as age, weight, height, location, ethnicity, diet, education, etc. Further, matching server 20 may ask user 14 to indicate how important certain factors are when looking for a match. For example, matching server 20 may allow the user to indicate which characteristics in a potential match are a necessity. In another example, matching server 20 may ask, "How important is it

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that your match does not smoke?" Matching server 20 may also allow the user to indicate that certain characteristics are not important search criteria. For example, when asking user 14 about what height or weight user 14 is seeking in a match, matching server 20 may be configured to receive "not important" as a response. In yet another example, matching server 20 may allow user 14 to rate which factors are important on a numerical scale. For example, matching server 20 may ask user 14 the following: "On a scale of 1 - 10, how important is it that your match has the same education level as you?" In some embodiments, matching server 20 may specify that any number of questions or requested descriptions are necessary before registration may be concluded. As an example only, matching server 20 may require that user 14 communicate the sex of user 14 and the sex user 14 prefers to be matched with. After concluding the registration process, matching server 20 may store the responses of user 14 as a profile. This same process may be repeated by several different users 14, causing matching server 20 to contain a plurality of profiles.

FIGURE 1D depicts an embodiment in which matching server 20 has a database 26a which contains a pool 30. Each entry in database 26a has a pool entity 30a along with information concerning that entity. In one embodiment, each pool entity 30a-e represents a user and their profile. In some embodiments, not all registered users are in pool 30. As discussed further below, matching server 20 may use a selection process for including stored profiles in pool 30. As depicted in FIGURE 1D, in this embodiment, the collection of users and profiles forms pool 30 through which matching server

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20 may perform various functions such as searches for matches.

Matching server 20 may be configured to search through pool 30 and present matches to user 14. In
5 FIGURE 1E, one embodiment of this presentation is depicted as occurring through display 12. In various embodiments, matches may be presented to user 14 utilizing other communication schemes, such as electronic messages (i.e., e-mail) or text messages (i.e., utilizing
10 SMS). In the depicted embodiment, a result list 31 is presented to user 14. A match result entity 31a in a result list 31 may be associated with a view button 33. Using interface 16, user 14 may request that matching server 20 provide more information about an entity in
15 result list 31 by pressing the associated view button 33. Matching server 20 may then communicate to user 14 more information about that entity by retrieving the information from memory 26. In FIGURE 1F, one embodiment of information that matching server 20 provides for user
20 14 is shown. Using display 12, user 14 views an entity from result list 31. Matching server 20 may also provide user 14 with the ability to contact the entity through a contact button 35. In one embodiment, when contact button 35 is utilized by user 14, matching server 20 may
25 provide user 14 with contact information of the entity such as a telephone number or an e-mail address; in another embodiment, matching server 20 may provide user 14 with a way to directly contact the entity, such as sending a message or providing voice or video
30 communication between user 14 and the entity. Even further, matching server 20 may be configured to allow user 14 to express a negative preference for the entity

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through dislike button 36. In one embodiment, when, for example, dislike button 36 is utilized by user 14, matching server 20 may remove the entity from result list 31; in another embodiment, the entity may be removed from pool 30 of users from which matches are identified.

As an example only, consider that user 14 has submitted a search request to matching server 20. Matching server 20 may search through pool 30, identify results, and communicate result list 31 to user 14 which would contain other users for whom matching server 20 had created a profile and who were identified through a search and selection process. Next, user 14 may be interested in learning more about Jane Doe, entity 31a; thus, user 14 would click view button 33 associated with Jane Doe. Matching server 20 would receive this request and respond by displaying Jane Doe's profile (stored in memory 26), as depicted in FIGURE 1F. Next, after reading the profile, user 14 may be interested in contacting Jane Doe; hence, user 14 would click contact button 35. Matching server 20 would respond by allowing user 14 enter a message that matching server 20 would then communicate to Jane Doe.

Matching server 20 may even further be configured to allow user 14 to store a match result entity; in one embodiment, the system may be configured to allow user 14 to utilize favorite button 34 that will add the desired match result entity into another list. In another embodiment, utilizing favorite button 34 will remove the associated match result entity from result list 31.

As an example only, user 14 may decide that he would like to save Jane Doe's profile so that he can review it later. User 14 may click favorite button 34, and

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matching server 20 may respond by placing Jane Doe's profile into a separate list. Further, matching server 20 may also remove Jane Doe from user's 14 result list 31. As a result, user 14 may see another match result entity populate result list 31. This is beneficial because it may focus user 14 on evaluating new entities rather than reevaluating previously-known entities because the entities still appear in result list 31.

In some embodiments, matching server 20 may be configured to generate pool 30 by default according to various characteristics and preferences of user 14 and other users of the system. Matching server 20 may also restrict entities from being included in pool 30 based on the status of the profile, or if user 14 has rejected or blocked an entity. Matching server 20 may also restrict entities from the pool that have blocked or rejected user 14. For example, matching server 20 may not allow profiles that are not in good standing to be included in pool 30. In other embodiments, matching server 20 may be configured to generate pool 30 by first choosing seeds. Seeds include, but are not limited to, profiles that user 14 has sent a message to or profiles that user 14 has expressed a preference for. Each seed is then compared to other entities to determine which entities will be included in pool 30. Any suitable method can be used to determine which entities are included in pool 30. For example, any characteristics or algorithms described herein may form the basis of such a determination. As another example, a commonality score may be generated based on the comparison between each entity and the seed. In some embodiments, this commonality score can be a measure of how physically similar the users are to each

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other. This score may be generated based on the number of users that have expressed a positive preference for both the seed and the entity being compared. This score may also be generated based on whether the seed and entity have been viewed together in one session; further, the more times the seed and entity have been viewed together, the larger the commonality score. The law of large numbers may allow for a vast amount of such commonalities to be established over a few days. Testing has revealed that using such commonality scoring methods has yielded at least one physical match for 80% of users whose profile has been viewed at least once, and between 6 and 1000 physical matches for 60% of users whose profile has been viewed at least once. Matching server 20 may be further configured to allow entities that have a commonality score above a certain threshold to become a part of pool 30. Matching server 20 may further be configured to update pool 30. In some embodiments, matching server 20 may do so by creating new seed entities based on activity by user 14, such as indicating a preference for that entity. Further, matching server 20 may then compare the chosen seed entity with other profiles stored in matching server 20 and determine whether those profiles will be included in pool 30 using a threshold score as described above. At least one advantage realized by this embodiment is that user 14 is presented with updated potential matches which increases the likelihood of user 14 finding a suitable match. Another advantage present in certain embodiments is that these updated potential matches have a greater likelihood of compatibility with user 14 since they are chosen based

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on their commonality with entities user 14 has expressed a preference for.

As an example only, consider the case in which user 14 has registered, requested a search, and received from matching server 20 results list 31. Then, user 14 decides to contact Jane Doe and presses contact button 35. Aside from providing user 14 with the ability to contact Jane Doe, matching server 20 will designate Jane Doe's profile as a seed. Matching server 20 will then compare Jane Doe's profile to other profiles stored in memory 26 in order to identify other users who may be similar to Jane Doe and thus be a good match for user 14. In this example, matching server 20 will generate a commonality score for each of these comparisons and compare these scores to a preset threshold. If the commonality score is lower than the threshold, that profile will not be added to pool 30. However, if the commonality score is higher than the threshold, matching server 20 will add this profile to pool 30. As an example, further assume that the seed, Jane Doe, is being compared to another entity, Susan Smith. Based on the fact that both Susan and Jane have three users (Tom, Dick, and Harry) who have expressed a positive preference for their profiles, matching server 20 generates a commonality score of 100 for the comparison. In contrast, matching server 20 generated a commonality score of 50 for the comparison between the seed (Jane Doe) and yet another entity, Lucy Goosey. This was because only one user (Bob) had indicated a positive preference toward both Lucy and Jane. Continuing the example, matching server 20 is using a commonality threshold score of 70, which results in including Susan's

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profile (whose commonality score was greater than the threshold score) in pool 30 and excluding Lucy's (whose commonality score was less than the threshold score). Thus, user 14 gets the benefit of having more entities identified that may be good matches.

In some embodiments, matching server 20 may be configured to include behavioral scales. These may include multi-item scales for materialism and gender-role traditionalism. Such scales may provide the advantage of improved matching through deeper appreciation for the personality of entities in the system.

In some embodiments, matching server 20 may be configured to analyze profile text for categories. It may search for a number of text strings and then associate the profile with any number of categories. As an example only, matching server 20 may add any profile to the Cat category whose text contains any of the following strings:

"cat" "cats" "cat." "cats." "cat," "cats,"

Matching server 20 may be configured to make it more likely that a profile will be in a result list if categories associated with the profile are also categories found in the user's profile who submitted the search request.

Matching server 20 may be configured to analyze one or more portions of the text of an entity's profile and generate a readability score that may be used in various ways, such as in the process of searching for matches for user 14. In some embodiments, matching server 20 may analyze factors such as, but not limited to: average

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number of words per sentence, total number of words with greater than three syllables, and total number of words in the profile. Matching server 20 may also concatenate all of the collected responses with a single space between them. It may further break the text into sentences, words, and syllables. From these statistics, matching server 20 may also be configured to generate a readability score by, in one embodiment, taking the average of the Flesch Kincaid Reading Ease test, the Flesch Kincaid Grade Level test, and the Gunning Fox score. Other embodiments may utilize any other combination of these or other tests to determine a readability score. In some embodiments, analyses may be used to determine the IQ of an entity, the grade level of the writing, or how nervous the entity generally is. An advantage of this embodiment may be that the system provides user 14 with a metric for determining approximate intelligence of other users. The readability score may be used, for example, in the matching process to identify potential matches.

As an example only, the Flesch Kincaid Reading Ease score may be generated by first computing the following intermediate score:

$$206.835 - (1.015 * [\text{Average Words per Sentence}]) - (84.6 * [\text{Average Syllables per Word}])$$

Then, the Flesch Kincaid Reading Ease score is determined by using the following table:

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Intermediate Score Condition	Flesh Kincaid Reading Ease Score
< 100	4
< 91	5
< 81	6
< 71	7
< 66	8
< 61	9
< 51	10
< 31	13
< 0	14
Else	15

The Flesch Kincaid Grade Level may be computed according to the following:

$$(0.39 * [\text{Average Words Per Sentence}]) + (11.8 * [\text{Average Syllables Per Word}]) - 15.59$$

The Gunning Fox score may be computed according to the following:

$$([\text{Average Words Per Sentence}] + ((([\text{Number Of Words With More Than 3 Syllables}] / [\text{Number of Words In Entire Text}]) + 100)) * 0.4$$

As indicated, any suitable tests may be utilized in any suitable manner to determine a readability score.

In some embodiments, matching server 20 may be configured to allow a user to interact with the result list of another user. Matching server 20 may be

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configured to allow a user to express a preference for entities within a result list of another user, and to indicate to the other user of this preference. Thus, a user may be able to get advice from a friend regarding what other users may constitute good matches for the user and thus be able to find a better match.

As an example only, consider FIGURES 1A and FIGURE 2. Two users 14, Harry and Sally, are connected to matching server 20 via terminals 10. Display 12a is used by Harry while display 12b is used by Sally. Matching server 20 allows Sally to view Harry's result list 31 on her terminal in display 12b. By pressing recommend button 37, Sally may indicate a preference for one or more of the entities in result list 31. Assume Sally presses recommend button 37 associated with Jane Loe. After doing so, matching server 20 will notify Harry of Sally's preference. On Harry's display 12a, matching server 20 will cause notification 39 to appear, associating it with Jane Loe. Notification 39 will indicate to Harry that Sally has recommended Jane Loe as a potential match. Harry may find Sally's preference helpful in determining which entities he should pursue further if, for example, he believes Sally understands the type of person he is looking for.

In one embodiment, matching server 20 may be configured to analyze the profiles of both user 14 and the entities in pool 30 for keywords. Matching server 20 may be configured to search through the profile of user 14 for keywords that relate to things such as activities and interests. Matching server 20 may generate a score for each entity in pool 30 based on a comparison between the list of keywords found in user's 14 profile and a

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similarly-generated list of keywords of each entity in pool 30. In one embodiment, this is accomplished by storing a list of words in memory 26, and using it to identify keywords in the searched profiles. In some
5 embodiments, identified keywords may be used as a means of weighting various scores. As an example only, a profile that contains the word "God" may be weighted much differently than a profile which has merely indicated that their religious preference is Christian. In various
10 embodiments, this may provide an advantage to user 14 in that user 14 is able to determine how similar he/she is with a potential match. In addition, the keyword analysis may be used by the system when searching and identifying matches for a user.

15 As an example only, consider two registered users, Harry and Sally, both of whom have profiles stored in matching server 20. Matching server 20 then analyzes each of these profiles by comparing it to a list of predefined keywords. Matching server 20 then associates
20 each word that matched the list of keywords with each profile. Now assume that Harry performs a search. While fulfilling Harry's query, matching server 20 evaluates Sally's profile for inclusion in Harry's result list 31. This evaluation includes comparing the list of keywords
25 found in Harry's profile to the keywords found in Sally's profile. The more keywords that Harry and Sally have in common, the more likely it will be that matching server 20 will include Sally's profile in Harry's result list 31.

30 In some embodiments, matching server 20 may be configured to impute a level of physical attractiveness to an entity in pool 30. Matching server 20 may be

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configured to monitor how frequent an entity in pool 30 has been viewed as well as how many times that entity has been part of a result list in order to impute the level of physical attractiveness. Matching server 20 may further be configured to generate a score based on this data. Further, in some embodiments, matching server 20 may impute physical attractiveness to an entity based on the imputed physical attractiveness scores of other entities. Matching server 20 may compute an average of the imputed physical attractiveness scores of the other entities weighted by the commonality score between each of the other entities and the present entity. Empirical data indicates that people are more likely to match with people of similar attractiveness. Thus, in many embodiments, a user may obtain an advantage in that they are able to be presented with potential matches that, according to one measurement, are as attractive as the user.

As an example only, consider a registered user, Sally, whose profile was created by matching server 20 in January. Since that time, matching server 20 has recorded the number of times Sally's profile has appeared in any user's result list 31; assume that this has occurred 10 times. Further, matching server 20 has also recorded the number of times a user has viewed Sally's profile by clicking view button 33 associated with Sally's profile; assume that this has happened 5 times. In this manner, matching server 20 has constructed a ratio that represents the imputed physical attractiveness of Sally's profile. Still further, assume that Harry, a registered user, now submits a query. Matching server 20 has evaluated the imputed physical attractiveness ratio

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of Harry's profile. When evaluating Sally's profile for inclusion in result list 31 returned to Harry, matching server 20 will compare the imputed physical attractiveness of Sally's profile and Harry's profile. The more similar the ratios associated with Harry and Sally's profiles are to each other, the more likely it is that Sally's profile will be selected by matching server 20 to be in Harry's result list 31. In another example, assume that Sally's profile has not been registered long enough to generate a meaningful imputed physical attractiveness ratio. Matching server 20 may then generate an imputed physical attractiveness score based on entities that Sally does have commonality scores with. This computed average may be weighted by the strength of the commonality score between Sally and each entity with whom she has a commonality score. Continuing the example, assume that Sally has a commonality score of 5 with Lucy and 10 with Julia. When matching server 20 computes the Sally's average, it will give twice as much weight to Julia's imputed physical attractiveness score than to Lucy's.

In some embodiments, matching server 20 may be configured to make an entity in result list 31 more appealing to user 14 by pointing out coincidences in the profile data that give user 14 a sense of fate with the entity. In one embodiment, matching server 20 may be configured to search for similar initials, birthplaces, birth dates, birth month, birth year, university, first names, last names, user handles, parental occupations, and keywords to identify users who may give another user a sense of fate. In other embodiments, matching server

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20 may use the fate characteristics as a metric in the matching process.

As an example only, assume that Harry is a registered user who has performed a search. After
5 matching server 20 returns a result list, Harry chooses to learn more about one of the entities in the result list and clicks view button 33. Consider FIGURE 3, which is only an example of information that matching server 20 may return to Harry after clicking view button 33. In
10 Harry's display 12, matching server 20 presents certain details about the profile. In particular, matching server 20 presents to Harry a fate notification 32 which points out specific similarities between the profile of the entity and Harry's profile. Reading fate
15 notification 32 gives Harry a sense of familiarity which enhances his appreciation for the profile.

In another example, fate characteristics may be used to decide whether a profile in pool 30 is included in user's 14 result list 31. Assume that Harry is a
20 registered user who has submitted a matching query to matching server 20. While determining which entities to include in Harry's result list, matching server 20 considers two profiles: Sally and Roxy. Sally and Harry both have the same birth date, initials, and have parents
25 that work in the same profession. In contrast, Roxy and Harry only share the same birth place. Matching server 20 may be configured to award more points to Sally than to Roxy based on these comparisons, making it more likely that Sally's profile will be included in Harry's result
30 list.

In some embodiments, matching server 20 may be configured to evaluate the likelihood of contact between

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user 14 and an entity in pool 30. Matching server 20 may be configured to compare demographic data between user 14 and pool entity 30a. In another embodiment, matching server 20 may be configured to weigh the demographic similarities and differences based on the sex of user 14. The demographic data may include, but is not limited to, age, education, ethnicity, income, and location.

As an example only, assume that Harry and Sally are registered users who have profiles in matching server 20. Harry has submitted a search request to matching server 20. While fulfilling this request, matching server 20 evaluates Sally's profile since her profile is in pool 30. As part of the evaluation, matching server 20 looks at the differences between Harry and Sally's stated age, income, education, ethnicity, and location. In this example, Harry is 10 years older than Sally, makes \$10,000 more per year, and has a Master's degree while Sally has a bachelor's degree. Even with these disparities, matching server 20 will give Sally's profile a high score which makes it more likely that Sally's profile will appear in Harry's result list. However, if it was Sally who submitted the search, and matching server 20 was evaluating Harry's profile, a different score is possible. So, if it were Sally who was 10 years older, made \$10,000 more per year, and had a Master's degree while Harry had a Bachelor's degree, matching server 20 would give a low score to Harry's profile, making it less likely that his profile would appear in Sally's result list. Matching server 20 may be configured this way because empirical data has shown that these demographic differences do not have an equivalent

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effect on the choices men and women make regarding matches.

In another embodiment, matching server 20 may be configured to compare the locations of user 14 and pool entity 30a in increments of ten miles. In yet another embodiment, matching server 20 may be configured to score the location comparison in light of other factors; as an example, matching system 20 may be configured to return a score consistent with a 10 mile difference in location even though there is a 50 mile difference between user 14 and pool entity 30a if user 14 and pool entity 30a have the same income, education, and age. An advantage realized in several embodiments is that it better approximates how a user evaluates entities. Entities that live further away are generally less appealing to a user; but, users may still be interested if the entity matches their preferences in other categories.

As an example only, consider a registered user, Harry, who submits a search request. While fulfilling this request, matching server 20 examines Sally's profile in pool 30, and determines that the stated locations of Harry's and Sally's profiles are 13 miles apart. Matching server 20 will give Sally's profile a score as if the distance between them were only 10 miles. However, in yet another example, Sally's profile may indicate that she lives 50 miles away from Harry. Yet, matching server 20 also notes that both Harry and Sally make \$100,000 per year, have Master's degrees, and that Harry and Sally are one year apart in age (Harry is older). Given these similarities, matching server 20 will give a score to Sally's profile that is consistent with a 20 mile difference in location even though they

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are actually 50 miles apart. In this manner, matching server 20 takes into account empirical data that shows that people searching for matches who indicate that they want to see matches who live close to them are still
5 willing to pursue a potential match that lives far away if the potential match fits very closely with the other search criteria.

In another embodiment, matching server 20 may be configured to evaluate the age difference between user 14
10 and pool entity 30a using ranges as well as a sliding scale. By way of example only, matching server 20 may be configured to assign a high value to an age difference between 0 and -5, while assigning a lower value to an age difference between +2 and 0. An even lower value may be
15 assigned to an age difference between -6 and -8. Even lower values would be assigned incrementally as the age difference increases outside of the ranges discussed. The higher the assigned value is, the more likely it will be that pool entity 30a will be included in result list
20 31. Yet another embodiment may apply this combination of ranges and a sliding scale but use different values and ranges depending on the sex of user 14.

As an example only, consider a situation in which a registered user, Harry, requests a search to be
25 performed. While fulfilling this request, matching server 20 evaluates Sally's profile, which was in pool 30. As part of the evaluation, matching server 20 compares the ages of Harry and Sally, and determines that Harry is two years older than Sally; this determination
30 leads to matching server 20 assigning, in this example, 50 points to Sally's profile. Matching server 20 may also be configured to assign 50 points to Sally's profile

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had she been five years younger than Harry; but, if she had been up to two years older than Harry, matching server 20 may have been configured to assign 40 points to her profile. Matching server 20 may be further configured to assign 30 points to Sally's profile if she was 6 to 8 years younger than Harry. However, if Sally were more than 8 years younger than Harry, matching server 20 may be configured to further decrease the number of points assigned to her profile: if she was 9 years younger, then 25 points; if she was 10 years younger, 20 points; if she was 11 years younger, 15 points; etc. The more points assigned to Sally's profile, the more likely it is that her profile will appear in Harry's result list. Thus, matching server 20 may be configured to assign a score based on age difference using a combination of ranges and a sliding scale.

In another example, matching server 20 may assign scores differently if it was Sally who was searching and if it was Harry's profile that was being evaluated. In this example, matching server 20 may be configured to assign Harry's profile 50 points if he were between 1 and 5 years older than her. If he were 6 to 8 years older than her, matching server 20 may assign 45 points. If he were greater than 8 years older than her, matching server 20 may assign points in the following fashion: if he was 9 years older, 40 points would be assigned; if he was 10 years older, 35 points would be assigned; etc. However, if he was up to two years younger than Sally, matching server 20 may assign 50 points to his profile. If he were more than two years younger, matching server 20 may assign less points on a sliding scale: 45 points if he

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were 3 years younger, 40 points if he were 4 years younger, etc. The more points assigned to Harry's profile, the more like it is that his profile will appear in Sally's result list. This example illustrates how
5 matching server 20 may be configured to take the sex of user 14 into account when scoring based on age differences.

In various embodiments, matching server 20 may be configured to evaluate the attractiveness of an entity in
10 pool 30 through collected feedback from other users. In one embodiment, matching server 20 may present an entity to user 14, prompting user 14 to rate the attractiveness of the entity on a scale from 1 - 9. This range gives the advantage of having a midpoint. Matching server 20
15 may further be configured to collect such responses and store them; in one embodiment, matching server 20 may store the data in memory 26, using a structure such as database 26b. Matching server 20 may further be configured to compute the average of such responses for
20 the entity, and store this number as well. In various embodiments, these values may be used in order to help in the matching process. Empirical data indicates that people are more likely to match with people of similar attractiveness. Thus, in various embodiments, users
25 whose attractiveness rating are similar will be more likely to appear in each other's result list. Further, a user may indicate that they only want profiles in their result list whose average attractiveness rating is higher than an indicated threshold.

30 As an example only, assume registered user, Harry, uses terminal 10, which in this example is Harry's personal computer, and establishes communication with

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matching server 20. In this example, this communication occurs by Harry using a Web browser to access a Web page controlled by matching server 20. Sometime after visiting the Web page, matching server 20 may present Harry with an option to rate the physical attractiveness of other users registered with matching server 20. Using display 12 and interface 16, Harry may view profiles of registered users and rank them on a scale of 1 - 9 by entering the values using interface 16; in this example, interface 16 comprises a mouse and/or a keyboard. After submitting this rating, matching server 20 will associate it with the profile and store it. Matching server 20 will also allow other users to rate profiles, thereby collecting a plurality of rankings for profiles. Matching server 20 may use this data when trying to find matches for users. One example of this is that matching server 20 may allow user 14 to specify that he/she is searching for profiles which have an average rating of 6 or above. In turn, matching server 20 may populate user's 14 result list from the pool only with profiles whose average rating is at 6 or above. Another example of how matching server 20 may use this data involves making it more likely that an entity will appear in a user's result list if the entity and that user have a similar average attractiveness rating. So, if a user has an average rating of 6, then an entity with an average rating of 5 may be more likely to appear in the user's result list than an entity with an average rating of 2.

In another example, assume that Harry is a registered user and has requested a search. While fulfilling this request, matching server 20 evaluates Sally's profile. As part of this evaluation, matching

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server 20 notices that Sally's profile contains feedback from other users ranking the attractiveness of Sally's profile. Matching server 20, in this example, averages that data; Sally's profile average is 6. Matching server
5 20 may then examine Harry's profile to determine a similar average. If Harry's profile has an average close to 6, it will be more likely that matching server 20 will include Sally's profile in Harry's result list. If Harry's profile average is lower than 6, it will be less
10 likely that Sally's profile will be included in Harry's result list. If Harry's profile average is greater than 6, it will be even less likely that Sally's profile will be included in Harry's result list. The more Harry's profile average deviates from that of Sally's, the less
15 likely it will be that matching server 20 will present Sally's profile in Harry's result list.

In some embodiments, matching server 20 may be configured to analyze profile information and received activity information to construct "pairs" which link at
20 least two profiles. These pairings may also be associated with a value that ascertains the quality of the pairing. For example, a pairing which results from one user viewing the profile of another user may be assigned a value that is less than a pairing which
25 results from a first user viewing the profile of a second user when the second user has also viewed the first user's profile. Matching server 20 may use these pairings in order to generate search results for entities within and outside of the pairing. Each member of the
30 pair may be used as a seed entity for generating search results for users in matching server 20. In various embodiments, an advantage may be realized as matching

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server 20 analyzes many of these pairs to develop dynamic results to users of the system, the results being potentially more relevant as matching server 20 leverages the interaction between users and profiles to generate search results.

Pairs may be formed from a variety of user activity received by matching server 20. This activity may include: profile views, mutual profile views, one-way double blind communication, mutual double-blind communication, declining double blind communication, one way wink, mutual wink, expressing disinterest in response to receiving a wink, one way favorite, and mutual favorite. Other suitable activity may also be received by matching server 20 and utilized as a basis for generating pairs.

For example, Harry may be a registered user who has expressed a positive preference for Sally. Matching server 20 may be configured to generate a pair which includes Harry and Sally. Matching server 20 may utilize this pair when providing search results to other users. Betty may have requested matches, and Betty may be similar to Sally. Matching server 20 may present Harry in Betty's result list as a result of the pairing between Harry and Sally. Further, Jim may have executed a search and Jim may be similar to Harry. As a result of the pairing between Sally and Harry, matching server 20 may present Sally in Jim's list of search results.

In some embodiments, matching server 20 may be configured to encourage user 14 to interact with entities in pool 30. For example, matching server 20 may present a list of limited entities from pool 30 to user 14, but not present other entities to user 14 unless user 14

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interacts with the already presented entities. Possible interaction with these entities may include viewing more information regarding the entity, expressing a positive or negative preference for the entity, and choosing to
5 contact the entity. Other suitable forms of interaction may also be utilized. For example, matching server 20 may prompt the user with a question about the list of entities, such as asking whether or not the user likes the entity. Responses to such prompts may include "yes,"
10 "maybe," "no," "remove," and "remove other." The presented entities may be chosen using a variety of methods. For example, the presented entities may be chosen based on various scoring algorithms as described above. In addition, presented entities may be chosen
15 using predictive analysis, such as logistical regression. Other techniques may be used to determine the presented entities. For example, entities that have been presented previously may be excluded. As another example, entities that have been blocked by user 14 may also be excluded.
20 In various embodiments, a combination of these techniques as well as others may be used to determine the limited number of entities presented to user 14.

For example, Harry may be a registered user of the matching system. Matching server 20 may be configured to
25 present to Harry a list of five entities that Harry must interact with. Once Harry has interacted with these entities, matching server 20 may present five more entities for Harry to interact with. Previously, Harry has blocked Sally, another registered user of the system.
30 As a result, matching server 20 may exclude Sally from being presented to Harry in the list of five entities. Further, Harry has already interacted with Betty, another

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registered user of the system: Harry sent a message to Betty utilizing matching server 20. As a result, Betty will be excluded from being presented to Harry in the list of five entities. Matching server 20 may then
5 choose two of the five entities using scoring algorithms described above. For example, matching server 20 may choose Alice and Amy to be presented in the list of five entities because Alice and Amy have received high scores when their profiles were compared to Harry's profile.
10 Matching server 20 may choose the remaining three entities using predictive analysis. According to this example, matching server 20 may use logistical regression to identify Carla, Christi, and Camela as the other three entities to present to Harry. Thus, in this example,
15 Harry is presented with a list of five entities by matching server 20. Matching server 20 may not present another set of five entities until Harry has interacted with these five entities. Harry may interact with these entities in a variety of ways. For example, Harry may
20 send a message to Alice and send a "wink" to Amy. In addition, Harry may choose to view more information about Carla's profile, but express a negative preference towards Christi and Camela. After matching server 20 receives these types of interaction with the presented
25 five entities, another set of five entities may be presented to Harry.

In this example, matching server 20 may further be configured to process the user interaction provided by Harry. For example, matching server 20 may utilize
30 Alice's profile as a seed entity to generate other possible entities to present to Harry since Harry sent a message to Alice. Thus, a benefit is from presenting a

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the five entities to Harry in that the interaction between Harry and these entities may be utilized by matching server 20 to generate other entities for matching to Harry. This serves as an example of how preferences may be identified based on user behavior.

In FIGURE 4, one embodiment is disclosed wherein matching server 20, with pool 30, may be configured to interact with another platform, such as social networking platform 50, containing a set 52 of users. Users 14 are communicatively coupled to matching server 20 and social networking platform 50. Matching server 20 may further be configured to provide users of social networking platform 50 a service by which they may search for users within set 52 or within pool 30 using the algorithms and processing of matching server 20. Matching server 20 may even further be configured to allow users of matching server 20 to search through pool 30 and set 52. Matching server 20 may be configured to parse the profiles of the entities in set 52, collecting data and applying algorithms.

In another embodiment, matching server 20 may be configured to allow users of social networking platform 50 to interact with matching server 20 using social networking platform 50. This level of integration provides the advantage of users not having to learn and sign up for a different platform.

Social networking platform 50, in one embodiment, may be a service which stores profiles of its users. This service may be further configured to provide access to the stored profiles. In one embodiment, social networking platform 50 may also allow other services to

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interact with users of social networking platform 50 through social networking platform 50.

In one embodiment, matching server 20 may be configured to collect requests from users of social networking platform 50 and perform a search through pool 30 and set 52. Matching server 20 may further be configured to present the results of this search from within social networking platform 50. Matching server 20 may further be configured to present entities in the search result from pool 30 as if they were entities of set 52; in one embodiment, matching server 20 may be configured to generate profiles of entities from pool 30 into set 52. Thus, users of social networking platform 50 may view all of the entities in the search result, regardless of their source (either from pool 30 or set 52), within the environment of social networking platform 50.

As an example only, consider two users: Harry, for whom matching server 20 has created a profile, and Sally, who has a profile stored in social networking platform 50. From within social networking platform 50, matching server 20 presents to Sally the ability to perform a search which Sally uses. The results of this search are presented to Sally within social networking platform 50. In this example, Harry's profile is displayed to Sally as a search result along with other entities from set 52 though Harry's profile was from pool 30. In this example, matching server 20 uses the algorithms discussed herein and searches through the profiles stored in pool 30 and set 52. In order to display Harry's profile to Sally, matching server 20 creates a profile in set 52 using the data stored in Harry's profile in pool 30. Sally is then

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able to interact with this newly created profile from within social networking platform 50 in the same manner as she is other entities in set 52.

5 In another embodiment, matching server 20 may be configured to allow its users to interact with social networking platform 50 through matching server 20. In one embodiment, matching server 20 supplements pool 30 with set 52. In yet another embodiment, entities from set 52 appear as entities of pool 30 to the user in their
10 list of search results. In one embodiment, matching server 20 may be configured to generate profiles within pool 30 from entities of set 52; the system may be configured to do so through capabilities provided by social networking platform 50, such as an application
15 programming interface.

As an example only, consider two users: Harry, whose profile is stored in matching server 20, and Sally, whose profile is stored in social networking platform 50. Harry submits a search request to matching server 20.
20 Matching server 20 may return result list 31 to Harry, which, in this example, contains an entity representing Sally's profile. Matching server 20 may accomplish this by creating profiles in pool 30 that correspond to the profiles found in set 52. Once these profiles have been
25 imported into pool 30, matching server 20 may then search through pool 30. While doing so, matching server 20 applies the algorithms and scores discussed herein. Thus, in this example, matching server 20 has been configured to both search and apply scoring algorithms to
30 entities in pool 30 and set 52. Further, in one example, Harry is not able to distinguish that Sally's profile was originally stored in social networking platform 50.

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5 Rather, matching server 20 presents Sally's profile in the same manner as other profiles stored in pool 30. Thus, in this example, Harry may use favorite button 34, view button 33, and contact button 35 when interacting with Sally's profile in the same manner as described above.

10 One advantage present in various embodiments is that a user has a wider pool of entities to search through. Another advantage is that a user does not have to sign up with several platforms to search through the users on those platforms.

15 FIGURE 5 is a flowchart illustrating one embodiment of how result list 31 may be generated. At step 62, matching server 20 generates pool 30, as described above. At step 64, matching server 20 applies a filter to pool 30, removing certain entities; in various embodiments, this filter is based on user's 14 own sex and the sex user 14 desires to be matched with. At step 66, matching server 20 may be configured to apply algorithms to pool 30 that will generate a plurality of scores for each entity in pool 30. In one embodiment, these algorithms may include analyzing the text of the profiles of the entities in pool 30 to generate a readability score, determining how attractive an entity of pool 30 is, or measuring how likely it is that user 14 will contact an entity of pool 30. At step 68, matching server 20 may be configured to collect all of the scores from step 66; in one embodiment, matching server 20 may use database 26b to store all of these scores. At step 70, matching server 20 may be configured to apply an ordering algorithm which will determine the order in which entities in result list 31 are presented to user 14. In

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one embodiment, this ordering algorithm is based, in part, on the scoring algorithms applied at step 66. The ordering algorithm assigns points to each entity and orders them based on these values, constructing result list 31. An embodiment of this ordering algorithm is summarized in the following table:

Condition	Number of Points for Ordering
Readability score 1 point higher than user	+33554432
Match result entity has expressed a preference for the user	+16777216
Match result entity has been recommended by a friend of the user	+8388608
User has viewed the details of match result entity	+2097152
Match result entity has commonality with an entity user has expressed a preference for	+1048576
Both have the same ambition	+128
Both have the same beliefs	+16384
Same answer for Build	+64
Same answer for Car	+1
Both have the same diet	+4
Both have the same preference for drinking alcohol	+131072
Same answer for Ethnicity	+1024
Same answer for Fear	+256
Same answer for Hair	+2
Same answer for Number of children	+524288
Same answer for morning	+32
Same answer for "must have"	+32768
Same answer for "night out"	+16
Same answer for "pets"	+65536
Same answer for politics	+8192
Same answer for relationship status	+0
Same answer for "romance"	+512

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Condition	Number of Points for Ordering
Same answer for smoking preferences	+262144
Same answer for sports interests	+8
Same answer for "system"	+4096

As an example only, consider a registered user, Harry, who desires to perform a search. Before processing the request, matching server 20 may ask Harry what sex he is and what sex does he desire to be matched with; in this example, Harry responds that he is a male seeking a female. After doing so, matching server 20 will generate pool 30 as described above. Next, matching server 20 will apply a filter to remove certain entities from pool 30. In this example, all males will be removed from pool 30 since Harry is seeking a female. Further, all females seeking females will be removed from pool 30 since Harry is a male. In other examples, other entities that are removed from pool 30 include entities that Harry has expressed a negative preference for before, or entities that have expressed a negative preference for Harry. After pool 30 has been filtered, matching server 20 applies a variety of scoring algorithms to the entities remaining in pool 30. These algorithms may account for various comparisons such as those based on readability, likelihood to contact, fate, and keywords described above. Matching server 20 will then tabulate these scores, storing them, in this example, in database 26b. Matching server 20 will then determine what order these entities are presented to Harry by applying an ordering algorithm. Here, matching server 20 assigns one ordering score to each entity by examining the results of

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the scoring algorithms. After doing so, matching server will present result list 31 to Harry, where the order of the entities that appear in the result list is based on the ordering algorithm. In this example, it is possible for result list 31 to change. Consider another user, Sally, who appears in Harry's result list. If Harry decides to add her into a separate list by using favorite button 34, Sally will be removed from result list 31 (as described above). However, Sally will also become a seed entity from which entities may be added to pool 30 (as described above). Hence, matching server 20 will update the pool, apply the filters, apply the scoring algorithms, tabulate the results, apply the ordering algorithm, and update result list 31. As another example, an entity may update their profile which can change result list 31. For example, assume Sally's profile had an ordering algorithm score that placed her within the top 20 entities in result list 31. Sally then changes her profile which results in keywords that match Harry's profile being added to her profile. Matching server 20 will then update her scoring algorithms. In this example, the change in Sally's profile and resulting increase in keyword matches with Harry's profile significantly increased her score. This was then reflected in the ordering algorithm as it was also applied to the updated profile. Afterwards, Sally's profile is now placed within the top 5 entities in result list 31.

In some embodiments, matching server 20 may be configured to receive required characteristics from user 14 regarding a match. User 14 may be allowed to specify such restrictions based upon any number of

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characteristics, including those described herein. For example, matching server 20 may allow user 14 to specify that entities that indicate they have children should not be displayed. In another example, user 14 may specify that only entities between the ages of 20 and 30 should be present in result list 31. In some embodiments, matching server 20 may implement these restrictions in step 64 of FIGURE 5. In other embodiments, however, matching server 20 may refuse to apply these restrictions to certain entities based on the characteristics of the entities. Any number of characteristics, including those described herein, may form the basis upon which matching server 20 decides not to apply the restrictions submitted by user 14. As an example only, matching server 20 may ignore the restrictions if the entity has a high enough attractiveness rating. In another example, though user 14 has requested that no profiles which are located more than 50 miles away should be present in result list 31, matching server 20 may include such profiles because those profiles have over 5 matching keywords, a high attractiveness rating, and have specified the same life goals as user 14. Thus, in some embodiments, matching server 20 may refuse to apply restrictions submitted by user 14 based on any combination of characteristics or algorithms.

An advantage present in many embodiments is that through taking into account various factors when scoring potential matches and using only very few strict filters, a large amount of result entities may be returned to the user. A further advantage is that the ordering algorithm will put the most relevant search results first, saving the user time.

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FIGURES 6-9 depict embodiments of a user interface presented to users of the matching system discussed above with respect to FIGURES 1 and 4. According to some embodiments, users 14 interact with matching server 20 through interface 16 presented by terminal 10. In addition to the embodiments of interface 16 described above in relation to FIGURE 1A, interface 16 may also comprise a touch screen interface operable to detect and receive touch input such as a tap or a swiping gesture.

In some embodiments, matching server 20 may import profiles from other social networking systems. This level of integration provides the advantage of users only having to update their profile information in one place. For example, when user 14 updates his profile within social networking platform 50, matching server 20 is also able to access the updated profile information.

In some embodiments, matching server 20 may further be configured, as part of the user registration process, to link to a user's existing profile within social networking platform 50. Matching server 20 may be configured to parse the profiles of the users in set 52, e.g., collecting data and applying algorithms. For example, matching server 20 may use explicit signals from social networking platform 50 such as common friends, common interests, common network, location, gender, sexuality, or age to evaluate potential matches between users 14. Matching server 20 may also use implicit signals such as for whom a user 14 expresses approval and disapproval. Implicit signals may also include facial recognition algorithms to detect ethnicity, hair color, eye color, etc., of profiles that user 14 has expressed interest in.

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In particular embodiments, matching server 20 may have users 14 to link their user profiles to an existing profile within social networking platform 50. Matching server 20 may be configured to generate and add profiles to user profile pool 30 from entities of set 52; the system may be configured to do so through capabilities provided by social networking platform 50, such as an application programming interface. One advantage of linking is that matching server 20 can use the authentication features provided by social networking platform 50. For example, creating a user profile on matching server 20 containing false information becomes harder when the information must come from another verifiable and peer monitored source such as social networking platform 50.

In some embodiments, matching server 20 may allow a user 14 to propose a match between two of his connections within social networking platform 50. For example, Harry may be friends with both Bob and Sally within social networking platform 50. Harry believes Bob and Sally are a good match and therefore instructs matching server 20 to create a match between the two users in user profile pool 30. Once matched, matching server 20 allows Harry and Sally to communicate with each other.

In some embodiments, matching server 20 may be configured to apply a relevance algorithm which determines the content and order in which matching server 20 displays potential matches to user 14. A relevance algorithm may be based on both explicit and implicit signals from user 14. Explicit signals include information entered by user 14 as part of its user profile, such as height, weight, age, location, income,

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and ethnicity. Explicit signals may also include information about the characteristics user 14 is seeking in a match, such as gender, hair color, eye color, or occupation. Explicit signals may also be entered by user 14 as part of a search request. For example, user 14 may request matching server 20 limit the pool of potential matches to those users within a fixed geographic region. Matching server 20 is operable to compare geographic positions associated with the plurality of user profiles in user profile pool 30 with a geographic position associated with user 14. Explicit signals may be imported from a social networking platform 50, such as the number of shared entities in a social graph of user 14. Implicit signals may be based on the behavior of user 14 either within system 100 or other social networking platforms 50. For example, if user 14 has expressed disapproval of a user profile in the past, matching server 20 may no longer present the disapproved of user profile to user 14 in future searches. In various embodiments, matching server 20 may be configured to evaluate the attractiveness of a user in user profile pool 30 through collected feedback from other users. For example, matching server 20 may rank a user profile that receives more likes as more relevant than a user profile that receives fewer likes. In particular embodiments, matching server 20 may assign a higher relevance to a user profile if the other user has previously expressed a preference for user 14. As an example, user Harry may have previously expressed a preference for user Sally. If Sally requests a set of user profiles from matching server 20, and Harry's user profile is included in the set, matching server 20 may assign Harry's user profile a

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higher relevance based on his expression of preference for Sally. This can result in Harry's profile being presented to Sally sooner than otherwise would have occurred. This may be advantageous in that it can increase the chances of a match without compromising a user's feelings of privacy when expressing preferences for potential matches. In some embodiments, matching server 20 may be configured to use the fate characteristics as a metric in the relevance algorithm.

In some embodiments, terminal 10 is operable to determine its own geographic location by a global positioning satellite navigational system. Terminal 10 may also determine its own geographic location using cellphone-based triangulation techniques, Wi-Fi based positioning system, Global Positioning Satellite (GPS) system, or network addresses assigned by a service provider.

FIGURE 6 shows one embodiment of system 100 displaying to a user the profile information of a second user. Matching server 20 may be configured to search through its plurality of profiles and present suggested matches to user 14. In FIGURE 6, one embodiment of this presentation is depicted as occurring through the display of terminal 10. In this embodiment, a plurality of user profiles is presented to user 14. Using terminal 10, user 14 may request that matching server 20 present a subset of users from user profile pool 30 based on specified search parameters. The display may show an image of a suggested user and one or more aspects of the suggested user's profile information. In some embodiments, the combination of image and one or more aspects of profile information is displayed as "card" 88

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representing the suggested user. A set of suggested users may be displayed as stack of cards 88. User 14 may view information regarding one suggested user at a time or more than one of the suggested users at a time. User 14 may be presented with a summary of information regarding a suggested user. The summary may include one or more of: a picture, an icon, name, location information, gender, physical attributes, hobbies, or other profile information.

In some embodiments, terminal 10 may also display "information" button 84 which allows user 14 to request matching server 20 to retrieve and display more information about the presented user from user profile pool 30. In addition, user 14 may express approval or disapproval for a presented user. Expressing approval or disapproval can be accomplished through various methods. For example, terminal 10 may display "like" button 86 (represented by a green heart icon) and "dislike" button 82 (represented by a red "X" icon). Pressing like button 86 indicates to matching server 20 that user 14 approves of and is interested in communication with the presented user. Pressing dislike button 82 indicates that user 14 disapproves of and does not want to communicate with the presented user. The approval preference of user 14 is anonymous in that matching server 20 does not inform users 14 whether other users have expressed approval or disapproval for them.

As an example, consider two registered users, Harry and Sally, both of whom have profiles stored in matching server 20. Harry is at a restaurant and requests matching server 20 to present him users within a one-mile radius of his location. Matching server 20 compares a

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geographic position associated with Sally with a geographic position associated with Harry. If Sally is currently within the one-mile radius of Harry and matching server 20 determines her profile information matches Harry's preferences, matching server 20 will present Harry one or more aspects of Sally's profile information. If other users also meet the search criteria, matching server 20 will present one or more aspects of those users' profile information as well. Harry may request more information about Sally by pressing information button 84. Harry may also indicate his preference to communicate directly with Sally by selecting like button 86. In another example, Harry may expand his search to a twenty-five mile radius to meet people in his town, not just his immediate vicinity.

FIGURES 7 and 8 are diagrams of embodiments of the display from FIGURE 6 showing the effect of a left swipe gesture (FIGURE 7) and the effect of a right swipe gesture (FIGURE 8). In one embodiment, users 14 may navigate through the set of presented users by swiping through stack of cards 88. Users 14 may also express approval of a presented user by performing a right swipe gesture or express disapproval by performing a left swipe gesture. In some embodiments, user 14 performs a swiping gesture by moving a finger or other suitable object across a screen of terminal 10. Other suitable gestures or manners of interacting with terminal 10 may be used (e.g., tapping on portions of a screen of terminal 10).

In some embodiments, matching server 20 creates a match between two users 14 after both users 14 have expressed a preference for each other's profiles using like button 86 or the swiping gesture associated with

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like button 86. When matching server 20 creates a match, it may also provide the matched users with the ability to contact each other through a contact button. In some embodiments, when a match is created, matching server 20 may immediately (or soon thereafter) present an option to users 14 that have been matched to engage in a communication session (e.g., a chat, an SMS message, an e-mail, a telephone call, a voice communication session, a video communication session). This may be done in response to a first user 14 expressing a preference for a second user 14 that has already expressed a preference for the first user 14.

FIGURE 9 shows one embodiment of matching system 100 displaying a match of a first user and a second user, in accordance with a particular embodiment. Matching server 20 may provide first user 14 and second user 14 with each other's contact information such as a telephone number or an e-mail address. Matching server 20 may also provide both first and second users 14 with a way to directly contact the other, such as sending a message or providing voice or video communication between the first and second user. In some embodiments, direct communication may be initiated by pressing "Send a Message" button 92. Alternatively, a user may choose to continue browsing the set of presented users by pressing "Keep Playing" button 94.

For example, user Harry may indicate a preference to communicate directly with user Sally by selecting like button 86. At this point, Sally is not aware that Harry expressed a preference for her. If Sally also requests matching server 20 present her with a set of possible matches, Harry may appear in her set. Sally may select

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like button 86 (or perform an associated swiping gesture) when viewing Harry's profile. Matching server 20 may then notify both Harry and Sally that a match occurred. At this point, both Harry and Sally are made aware that they each expressed approval of each other's profile. Matching server 20 then enables Harry and Sally to directly communicate with each other (e.g., through a private chat interface).

In some embodiments, one advantage of a system disclosing preferences of profiles to users when mutual approval has occurred is that a user can feel more secure in their privacy knowing that their preferences will be disclosed to those that have expressed a preference for that user. As an example, a user can avoid embarrassment if their expression of preference for a profile was not reciprocated. This may lead to users more actively expressing their preferences. Such increased activity can be used by the matching system to generate more potential matches or better rankings of potential matches. In some embodiments, matching server 20 may be configured to allow direct communication between users when there has been a mutual expression of preference. This may be advantageous because users can avoid browsing, deleting, or responding to unwanted messages.

FIGURE 10 is a flowchart depicting a method for enabling communication between two users of the matching system of FIGURE 1 based on a mutual expression of approval, in accordance with a particular embodiment.

At step 1002, in some embodiments, matching server 20 generates a set of user profiles in response to a request for matching from a first user 14. At step 1004, matching server 20 presents the set of user profiles to

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first user 14. Matching server 20 determines the contents and ordering of the set of users profiles by using, e.g., the relevance algorithms described above in the discussion of FIGURE 4. For example, matching server
5 20 may only include user profiles whose contents indicate location within a specified geographical radius and order the presentation of those user profiles based on the number of mutual friends in common with first user 14.

At step 1006, in some embodiments, matching server
10 20 receives an indication of the preference of first user 14 regarding a presented user profile. Matching server 20 determines if first user 14 expresses approval or disapproval of the presented user profile at step 1008. If first user 14 disapproves of the presented user
15 profile then a match is not made and, at step 1016, matching server 20 will not allow communication between the two users. If first user 14 expresses approval for the presented user profile at step 1008, then matching server 20 will check if second user 14 represented by the
20 presented user profile has already expressed a preference for first user 14 at step 1010. If matching server 20 detects a mutual expression of approval then a match is made between first and second users 14. Then, at step 1012, matching server 20 allows private communications
25 between first and second users 14. If a mutual expression of approval is not detected at step 1010, then matching server 20 stores the preference of first user 14 regarding the presented user profile for future comparison and continues to step 1016 where private
30 communications are not yet allowed.

FIGURE 11 is a flowchart depicting a method for enabling communication between two users of the matching

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system of FIGURE 1 based on a matching proposal suggested by a user, in accordance with a particular embodiment. At step 1102, matching server 20 receives interactions from first user 14. Interactions from first user 14 may include identification of user profiles for two other users 14. For example, Harry is connected to both Bob and Sally within social networking platform 50. Harry believes Bob and Sally are a good match for each other and generates a matching proposal requesting matching server 20 to create a match between Bob and Sally.

At step 1104, in some embodiments, matching server 20 validates the suggested matching proposal between second and third users 14. For example, matching server 20 verifies that Bob's profile indicates that he wants to be matched with a woman, and Sally's profile indicates that she wants to be matched with a man. Matching server 20 may also verify that Sally has not previously expressed disapproval for Bob. If matching server 20 determines the suggested matching proposal is valid, matching server 20 creates the match and allows communication between the users 14 suggested to be matched at step 1106. If matching server 20 determines the suggested matching proposal is not valid, matching server 20 does not create a match and does not allow communication between second and third users 14 at step 1108. In some embodiments, step 1104 may not be performed. For example, if a matching proposal is suggested, then matching server 20 may perform step 1106 with respect to the users suggested to be matched.

FIGURES 12A-D depict embodiments of a user interface. In some embodiments, the interface allows user 14 of terminal 10 to enable communication between

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other users 14 by suggesting a matching proposal to matching server 20.

FIGURE 12A illustrates one embodiment of an interface for proposing a match between two users. The interface is divided into three sections: connection list area 1202, search area 1204, and suggestion area 1206. Connection list area 1202 displays a set of connections user 14 has with other users of, e.g., system 100 of FIGURE 1. Connections may be based on prior matches created by matching server 20. Connections may also be imported from another social networking platform 50. Search area 1204 enables user 14 to search for particular connections within system 100. In some embodiments, the search may be limited to just the connections displayed in connection list area 1202. Suggestion area 1206 displays the connections that user 14 may use to form a suggested match.

FIGURE 12B illustrates suggestion area 1206 displaying a first selected user (i.e., "Jonathan Smith") of a proposed match between two users. User 14 identifies the first selected user through a set of interactions with connection list area 1202, search area 1204, and suggestion area 1206. For example, user 14 may locate a connection in connection list area 1202 by typing a user handle in search area 1204. User 14 may then add the connection to suggestion area 1206. In some embodiments, user 14 may drag the connection from connection list area 1202 to suggestion area 1206.

FIGURE 12C illustrates suggestion area 1206 displaying a proposed match between two suggested users (i.e., "Jonathan Smith" and "Mary Major"). For example, user 14 may locate a second connection in connect list

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area 1202 that user 14 believes is a match for the first connection. User 14 may add the second connection to suggestion area 1206. When both connections are added to suggestion area 1206, matching server 20 may create a
5 match between the two users and allow communication between them.

FIGURE 12D illustrates an example communication interface between users of the matching system. User 14 is presented with chat box 1208 for each of the matches
10 that exist for user 14. Users 14 may communicate with each other through chat box 1208. In some embodiments, users 14 may communicate through SMS messages, e-mail, telephone calls, online voice communication sessions, and/or video communication sessions.

15 Modifications, additions, or omissions may be made to the methods described herein (such as those described above with respect to FIGURES 5, 10 and 11) without departing from the scope of the disclosure. For example, the steps may be combined, modified, or deleted where
20 appropriate, and additional steps may be added. Additionally, the steps may be performed in any suitable order without departing from the scope of the present disclosure.

25 Although several embodiments have been illustrated and described in detail, it will be recognized that substitutions and alterations are possible without departing from the spirit and scope of the appended claims.

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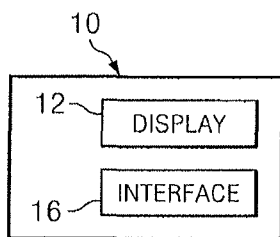
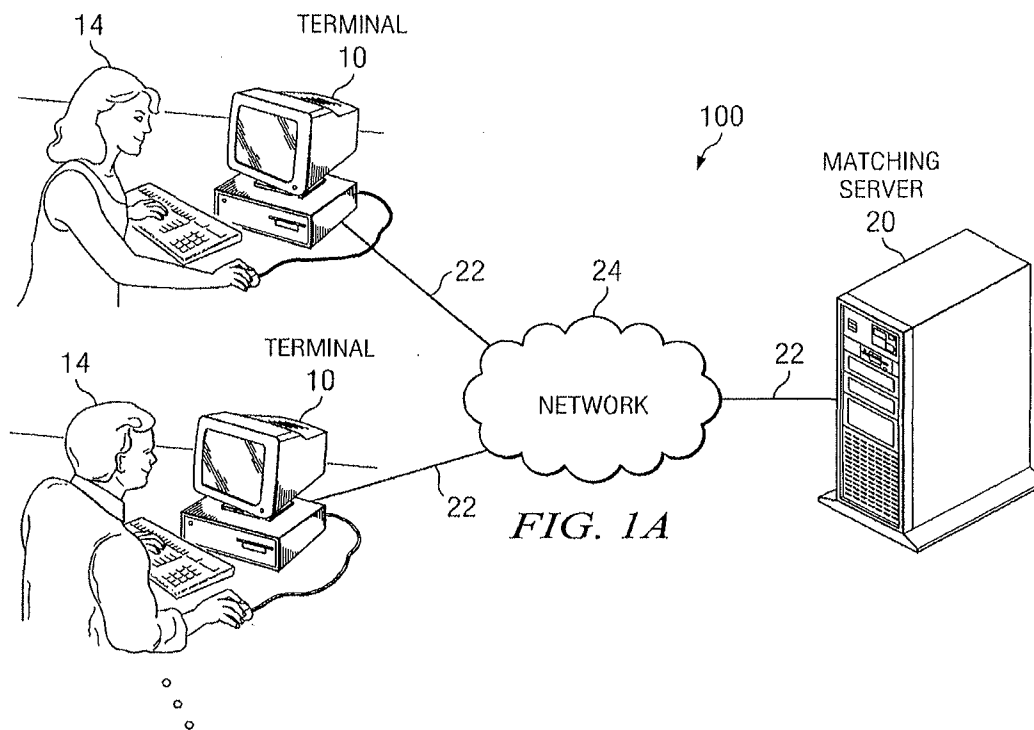


FIG. 1B

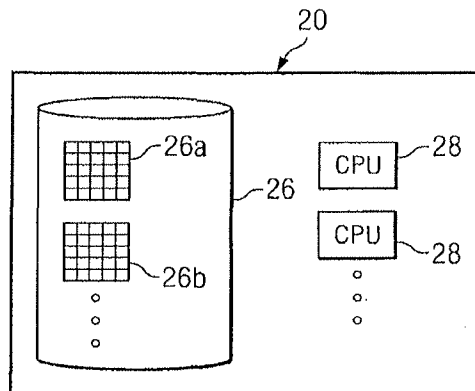


FIG. 1C

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NAME	PROPERTY 1	PROPERTY 2	o o o
30 { Jane Doe 30a Jane Roe 30b Jane Boe 30c Jane Loe 30d Jane Snoe 30e o o o			
			o o o

FIG. 1D

SEARCH RESULTS

31 {
1. Jane Doe 31a
2. Jane Roe 31b
3. Jane Boe 31c
o
o
o

View 33

View 33

View 33


34

34

34

See More

FIG. 1E



Jane Doe

Contact 35

36

Born: 10/01/75

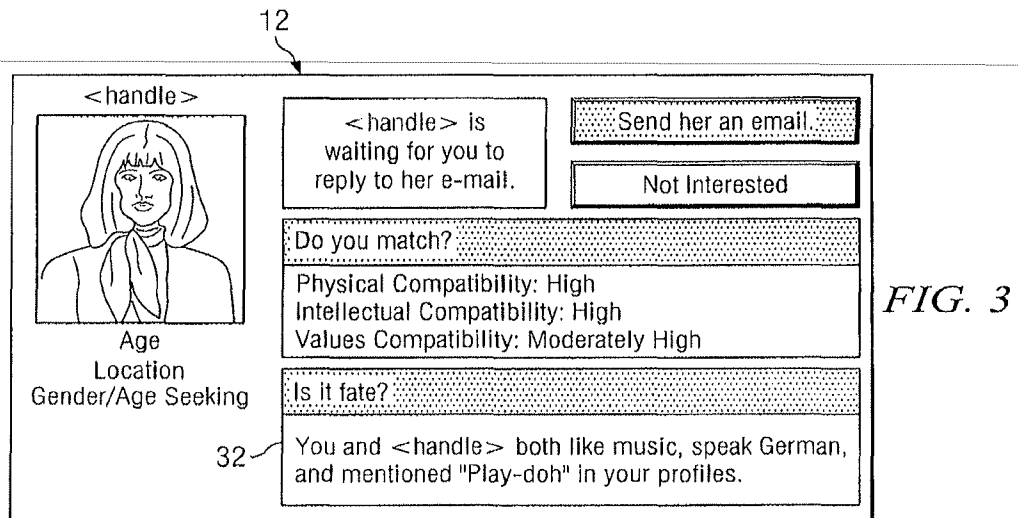
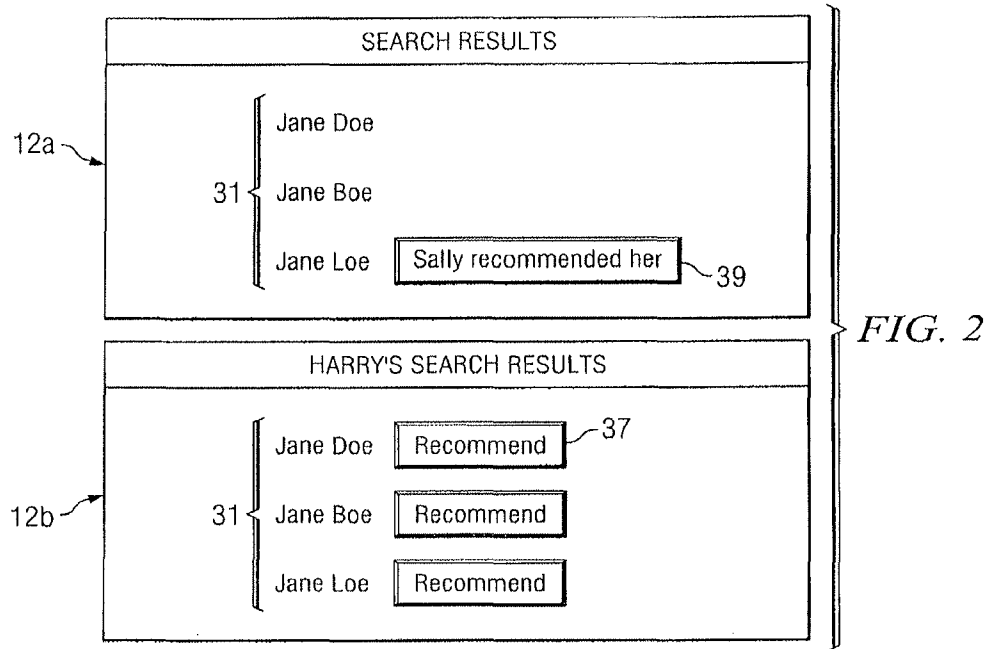
Hometown: Dallas, TX

Likes: Chocolate, rollerblading

Dislikes: Body odor, arrogance, football

FIG. 1F

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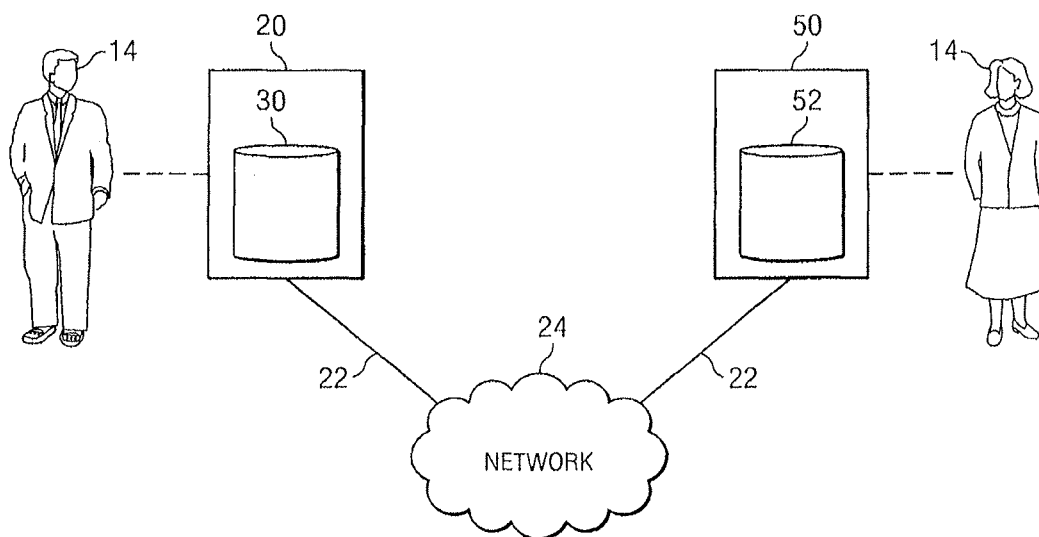


FIG. 4

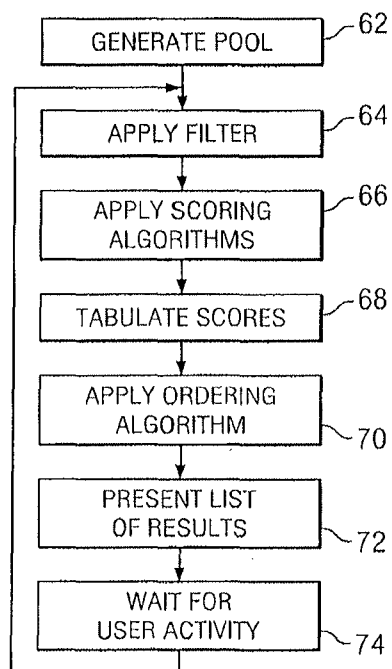


FIG. 5

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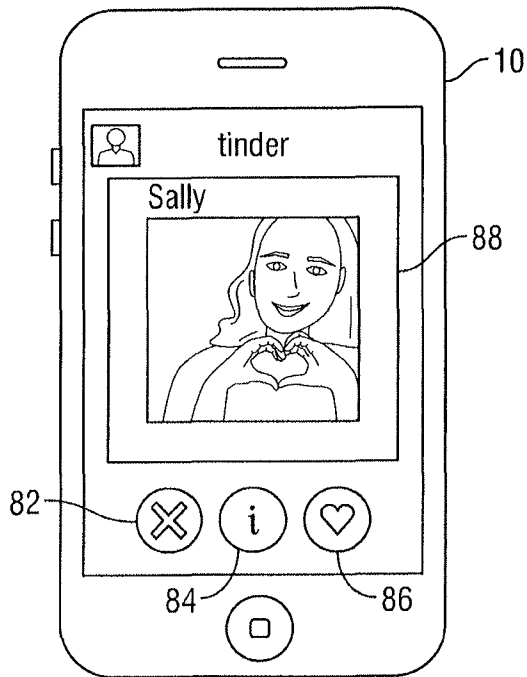


FIG. 6

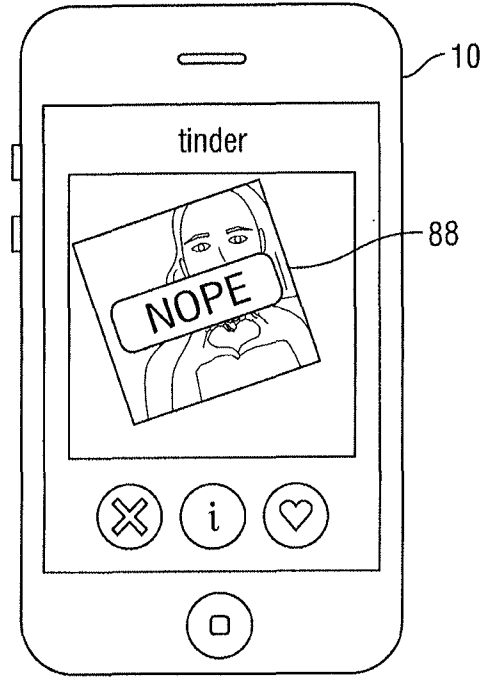


FIG. 7

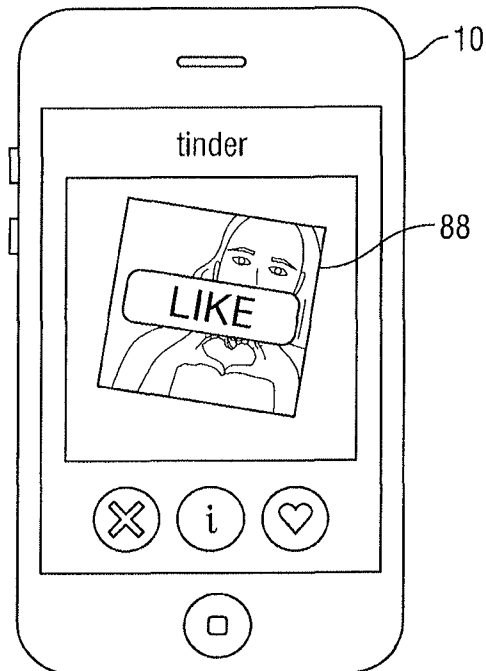


FIG. 8

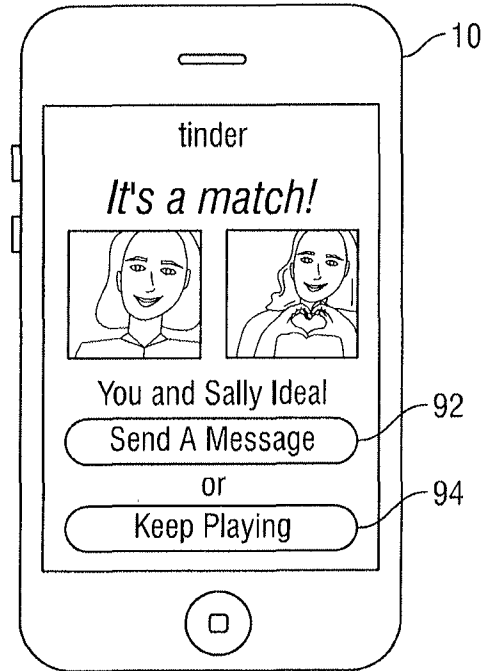


FIG. 9

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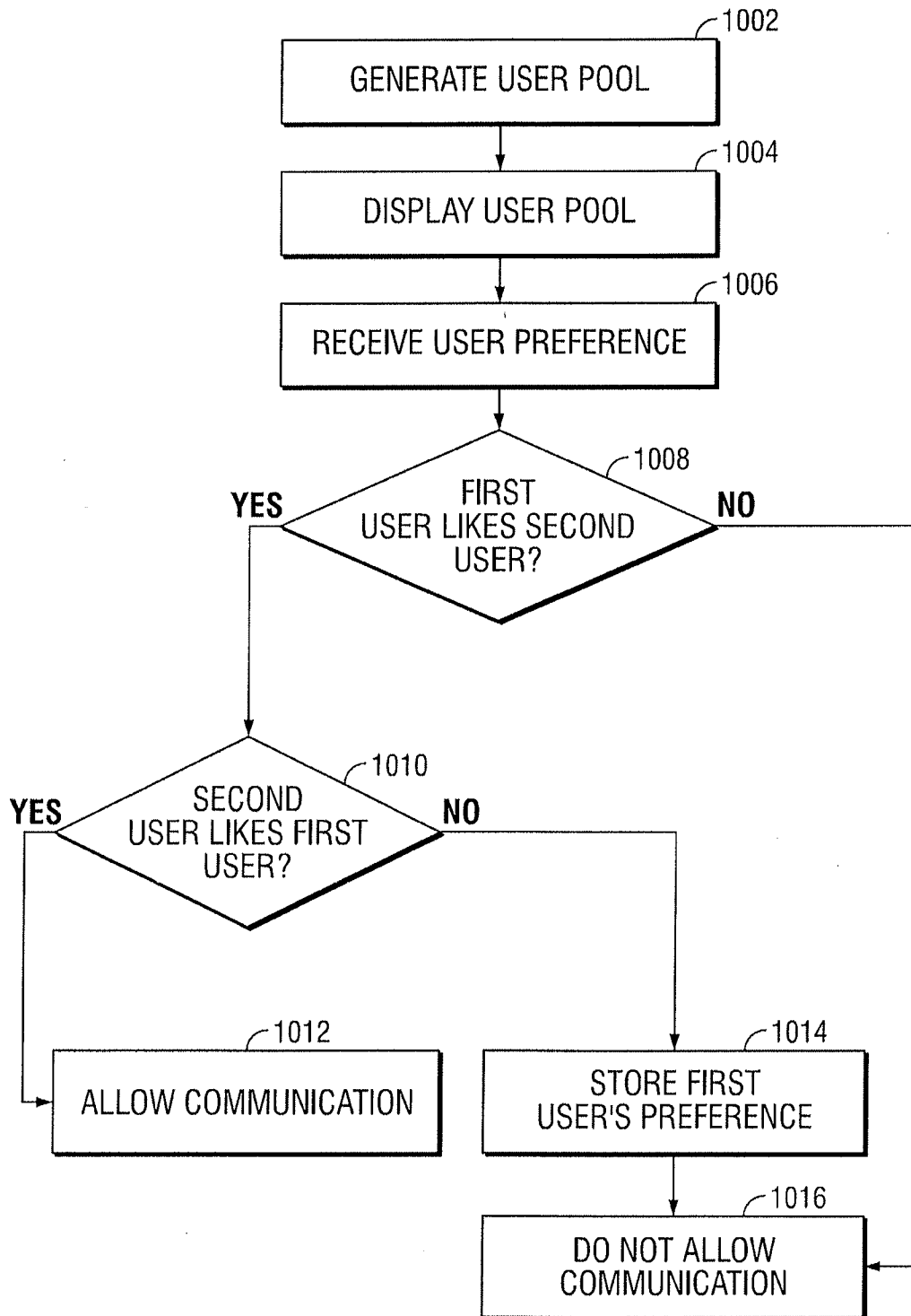


FIG. 10

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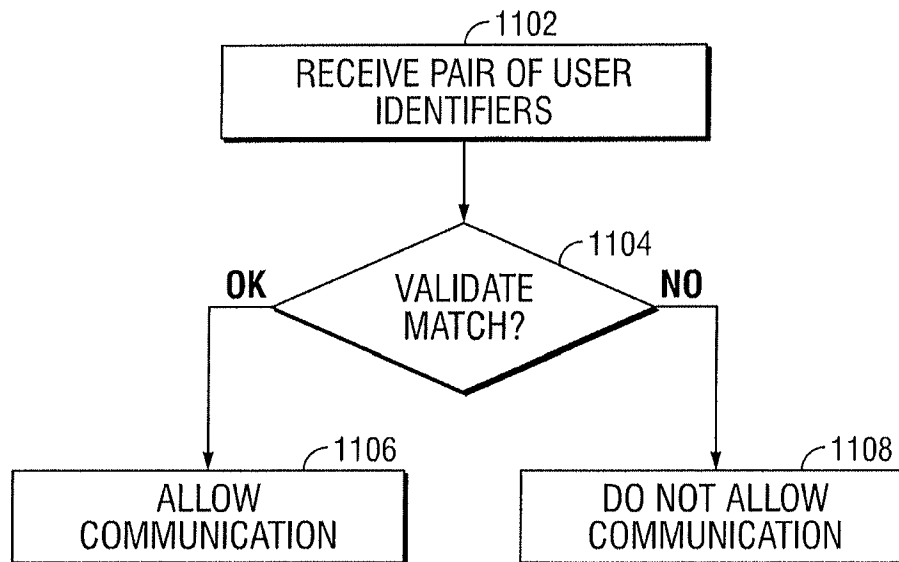


FIG. 11

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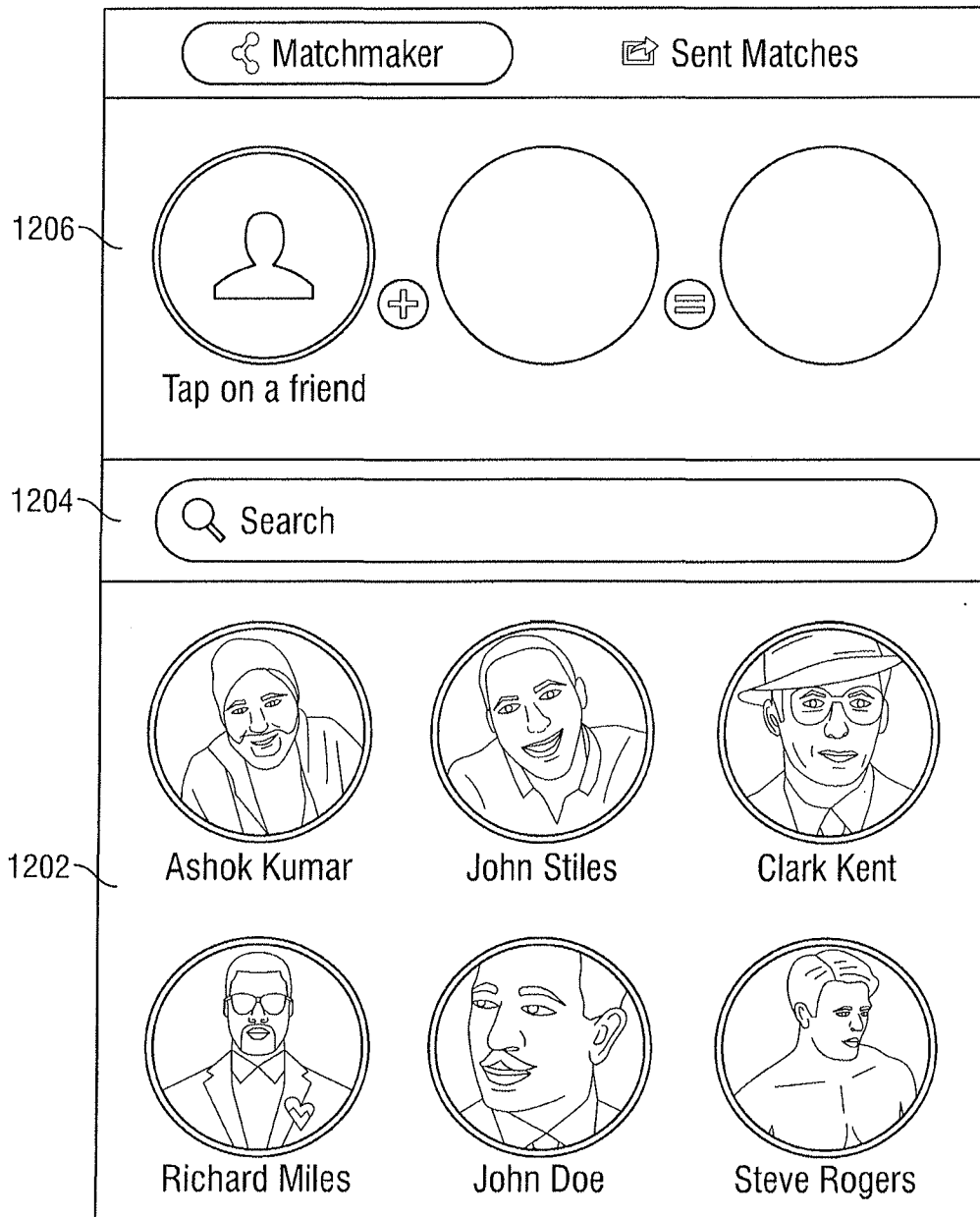


FIG. 12A

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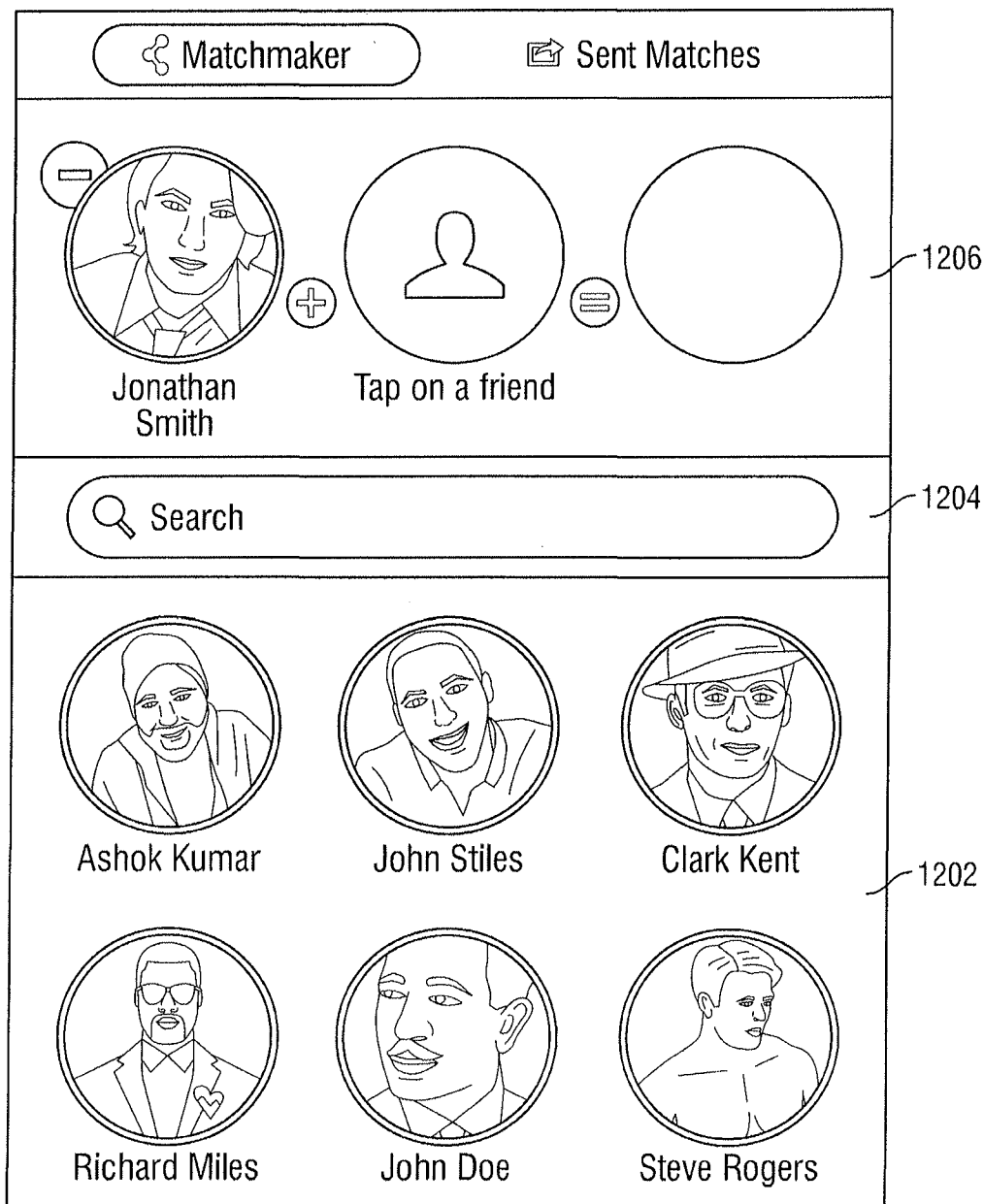


FIG. 12B

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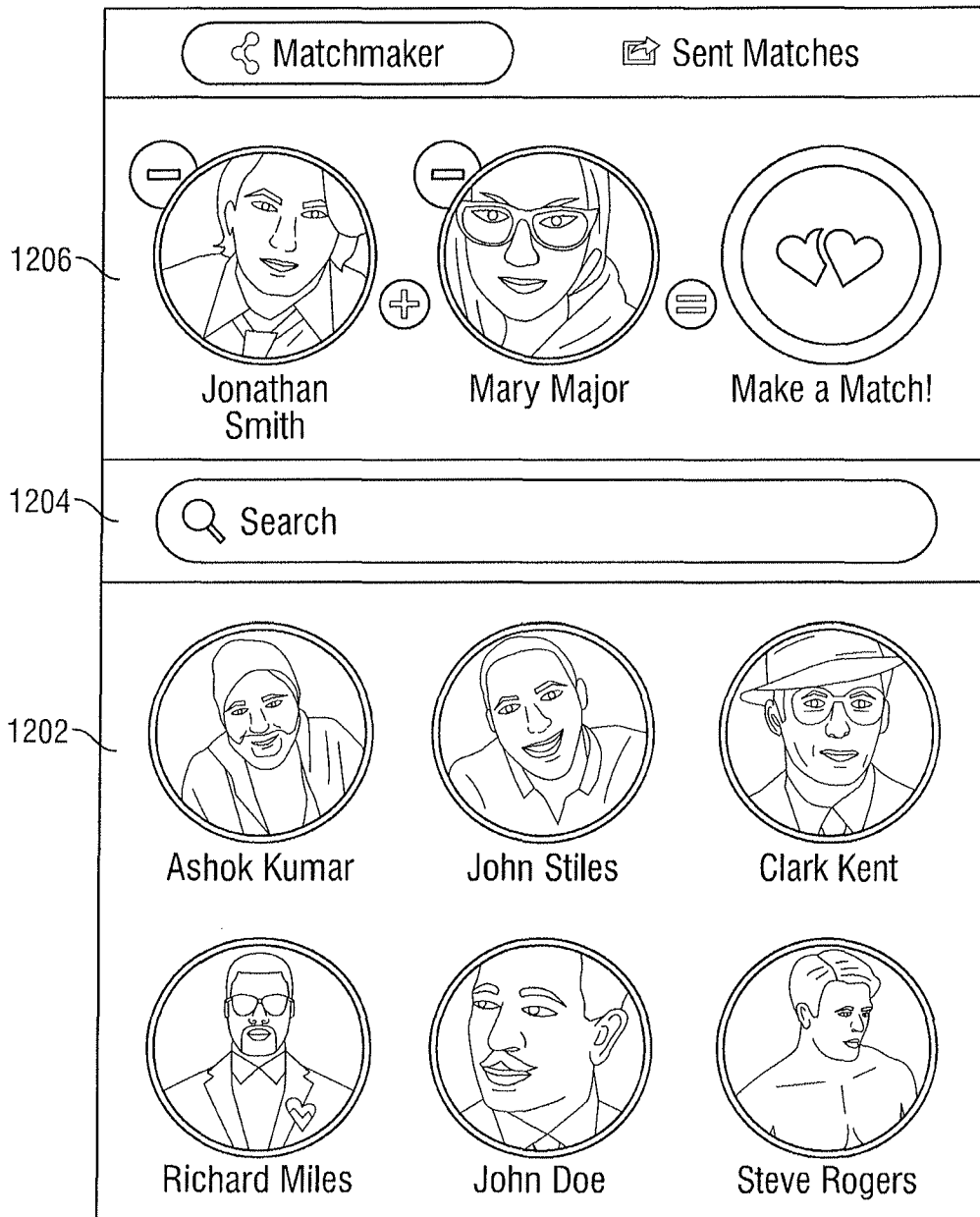


FIG. 12C

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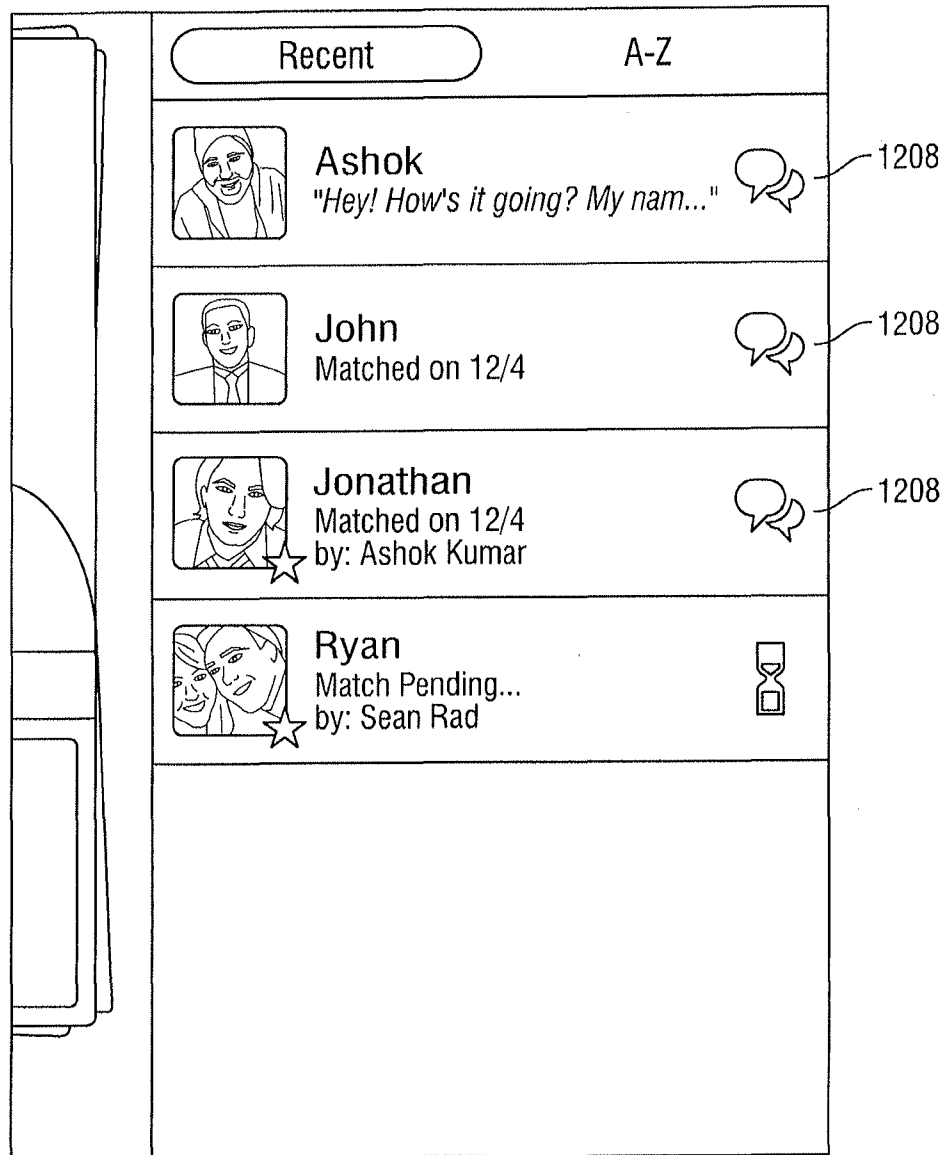


FIG. 12D

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number:	First Named Inventor: Sean Rad et al.
	Attorney Docket No: 083523.0121	Filing Date:

ISSUED U.S. PATENTS AND PUBLISHED U.S. APPLICATIONS

Examiner Initials*	Document Number	Publication or Issue Date	First Named Inventor
	6,480,885	11/12/2002	Olivier
	2005/0021750	01/27/2005	Abrams
	2005/0027707	02/03/2005	Syed
	2006/0059147	03/16/2006	Weiss et al.
	2006/0085419	04/20/2006	Rosen
	2006/0106780	05/18/2006	Dagan
	2007/0073687	03/29/2007	Terrill et al.
	2007/0073803	03/29/2007	Terrill et al.
	2008/0196094	08/14/2008	Benschop
	2008/0294624	11/27/2008	Kanigsberg et al.
	2008/0301118	12/04/2008	Chien et al.
	2009/0106040	04/23/2009	Jones
	2010/0125632	05/20/2010	Leonard
	7,917,448	03/29/2011	Smola et al.
	2011/0087974	04/14/2011	Kulas
	2011/0196927	08/11/2011	Vance
	8,060,463	11/15/2011	Spiegel
	2012/0088524	04/12/2012	Moldavsky
	8,180,804	05/15/2012	Narayanan et al.
	8,566,327	10/22/2013	Carrico et al.
	2014/0040368	02/06/2014	Janssens
	2014/0074824	03/13/2014	Rad

NON-PATENT LITERATURE (NPL)

Examiner Initials*	DOCUMENT (Including Author (if any), Title, and Source)	DATE
	PCT Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration with attached PCT International Search Report and Written Opinion of the International Searching Authority in International Application No. PCT/US08/87706, dated February 10, 2009, 8 pages.	February 10, 2009

Active 37710608.1
EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

**The date identified by the applicant for any NPL herein shall not be construed to be an admission that it is or is considered to be prior art under 35 U.S.C. §§ 102-103.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number:	First Named Inventor: Sean Rad et al.
	Attorney Docket No: 083523.0121	Filing Date:

ISSUED U.S. PATENTS AND PUBLISHED U.S. APPLICATIONS

Examiner Initials*	Document Number	Publication or Issue Date	First Named Inventor

NON-PATENT LITERATURE (NPL)

Examiner Initials*	DOCUMENT (Including Author (if any), Title, and Source)	DATE
	USPTO, <i>Non-final Office Action</i> dated 08/25/2011 for Application Serial No. 12/339,301, filed December 19, 2008 in the name of Todd M. Carrico, 14 pages.	08/25/2011
	<i>Response to Office Action Pursuant to 37 C.F.R. § 1.111</i> filed 11/23/2011 for Application Serial No. 12/339,301, filed December 19, 2008 in the name of Todd M. Carrico, 12 pages.	11/23/2011
	USPTO, <i>Final Office Action</i> dated 01/06/2012 for Application Serial No. 12/339,301, filed December 19, 2008 in the name of Todd M. Carrico, 15 pages.	01/06/2012
	<i>Request for Continued Examination Transmittal and Amendment Filed with Request for Continued Examination</i> filed 5/7/2012 for Application Serial No. 12/339,301, filed December 19, 2008 in the name of Todd M. Carrico, 17 pages.	05/07/2012
	USPTO, <i>Non-final Office Action</i> dated 10/02/2012 for Application Serial No. 12/339,301, filed December 19, 2008 in the name of Todd M. Carrico, 10 pages.	10/02/2012
	<i>Response to Office Action Pursuant to 37 C.F.R. § 1.111</i> filed 12/31/2012 for Application Serial No. 12/339,301, filed December 19, 2008 in the name of Todd M. Carrico, 13 pages.	12/31/2012
	USPTO, <i>Final Office Action</i> dated 03/07/2013 for Application Serial No. 12/339,301, filed December 19, 2008 in the name of Todd M. Carrico, 12 pages.	03/07/2013
	<i>Response to Office Action Pursuant to 37 C.F.R. § 1.116 and Certification and Request for Consideration Under the After Final Consideration Pilot Program 2.0</i> filed 06/06/2013 for Application Serial No. 12/339,301, filed December 19, 2008 in the name of Todd M. Carrico, 14 pages.	06/06/2013
	USPTO, <i>Notice of Allowance and Fees Due</i> dated 06/19/2013 for Application Serial No. 12/339,301, filed December 19, 2008 in the name of Todd M. Carrico, 12 pages.	06/19/2013

Active 37710608.1 EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	
**The date identified by the applicant for any NPL herein shall not be construed to be an admission that it is or is considered to be prior art under 35 U.S.C. §§ 102-103.	

ATTORNEY DOCKET NO.
083523.0121

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Sean Rad et al.
Title: MATCHING PROCESS SYSTEM AND METHOD

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Dear Sir:

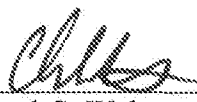
INFORMATION DISCLOSURE STATEMENT

Applicant respectfully requests, pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, that the references listed on the attached PTO-1449 form, and previously cited in U.S. Application Serial No. 15/676,773 filed August 14, 2017 by Applicant and entitled "Matching Process System and Method", be considered and cited in the examination of the above-identified continuation patent application.

Pursuant to 37 C.F.R. § 1.98(d), copies of these references are not being furnished. Furthermore, pursuant to 37 C.F.R. § 1.97(h), no representation is made that these references qualify as prior art or that these references are material to the patentability of the present application.

Pursuant to 37 C.F.R. § 1.97(b), no fee is believed due. If, however, Applicant has overlooked the need for a fee, the Commissioner is hereby authorized to charge any underpayment to Deposit Account No. 02-0384 of Baker Botts L.L.P.

Respectfully submitted,
BAKER BOTTS L.L.P.
Attorneys for Applicant


Chad C. Walters
Reg. No. 48,022

Dated: April 3, 2018
CUSTOMER NUMBER 05073

Electronic Patent Application Fee Transmittal

Application Number:				
Filing Date:				
Title of Invention:	Matching Process System and Method			
First Named Inventor/Applicant Name:	Sean Rad			
Filer:	Barton E. Showalter			
Attorney Docket Number:	083523.0121			
Filed as Large Entity				
Filing Fees for Track I Prioritized Examination - Nonprovisional Application under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
UTILITY APPLICATION FILING	1011	1	300	300
UTILITY SEARCH FEE	1111	1	660	660
UTILITY EXAMINATION FEE	1311	1	760	760
REQUEST FOR PRIORITIZED EXAMINATION	1817	1	4000	4000
Pages:				
Claims:				
CLAIMS IN EXCESS OF 20	1202	4	100	400
INDEPENDENT CLAIMS IN EXCESS OF 3	1201	1	460	460

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous-Filing:				
PROCESSING FEE, EXCEPT PROV. APPLS.	1830	1	140	140
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				6720

Electronic Acknowledgement Receipt

EFS ID:	32237158
Application Number:	15944542
International Application Number:	
Confirmation Number:	3585
Title of Invention:	Matching Process System and Method
First Named Inventor/Applicant Name:	Sean Rad
Customer Number:	5073
Filer:	Barton E. Showalter
Filer Authorized By:	
Attorney Docket Number:	083523.0121
Receipt Date:	03-APR-2018
Filing Date:	
Time Stamp:	17:52:57
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	\$6720
RAM confirmation Number	040418INTEFSW00004701020384
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	TrackOne Request	121track1.PDF	1024283	no	1
			bbe9af6a24729265face995c64652746803df2bd		

Warnings:

The page size in the PDF is too large. The pages should be 8.5 x 11 or A4. If this PDF is submitted, the pages will be resized upon entry into the Image File Wrapper and may affect subsequent processing

Information:

2	Application Data Sheet	121ads.PDF	1463054	no	9
			20f3c1965face3ae0598059a15b37f8b6d2e66f8		

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3		121spec.pdf	250507	yes	71
			9070a451b02b0f9dbb4f448b925e62f96b48217e		

Multipart Description/PDF files in .zip description

	Document Description	Start	End
	Abstract	71	71
	Claims	56	70
	Specification	1	55

Warnings:**Information:**

4	Drawings-only black and white line drawings	121figs.pdf	309144	no	11
			3ce6e98084828f580375533f0e75883df1c4fc08		

Warnings:

Information:					
5		121ids.PDF	777702	yes	3
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Multipart Description/PDF files in .zip description					
Document Description			Start	End	
Information Disclosure Statement (IDS) Form (SB08)			2	3	
Transmittal Letter			1	1	
Warnings:					
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Information:					
6	Fee Worksheet (SB06)	fee-info.pdf	41564	no	2
			0dcdfc958b2cbd8d9a5fd4cc95865bdeed12074c		
Warnings:					
Information:					
Total Files Size (in bytes):			3866254		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					